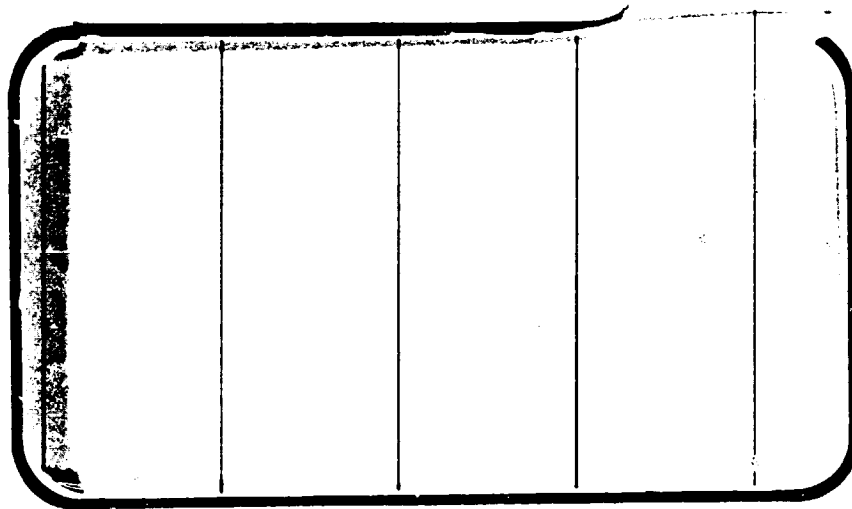




NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

CR 134095



(NASA-CR-134095) RESULTS OF TESTS OA63
AND IA29 ON AN 0.015 SCALE MODEL OF THE
SPACE SHUTTLE CONFIGURATION 140 A/B IN
THE NASA/ARC 6- BY 6-FOOT (Chrysler
Corp.) 599 P HC \$33.00 CSCL 22B

G3/31
41575

N74-27386

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA Management services

SPACE DIVISION



CHRYSLER
CORPORATION

April, 1974

DMS-DR-2077
NASA CR-134,095

VOLUME I

RESULTS OF TESTS OA63 AND IA29
ON AN 0.015-SCALE MODEL
OF THE SPACE SHUTTLE CONFIGURATION 140 A/B
IN THE NASA/ARC 6- BY 6-FOOT TRANSONIC WIND TUNNEL

By

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Space Shuttle Aero Sciences
Rockwell International

Prepared under NASA Contract Number NAS9-13247

by

Data Management Services
Chrysler Corporation Space Division
New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: ARC 66-630
NASA Series Number: OA63 and IA29
Model Number: 36-OTS
Test Dates: 9/12/73-9/28/73

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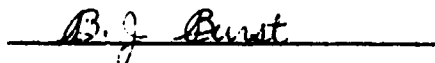
DATA MANAGEMENT SERVICES:

This document has been prepared by:

 D. A. Sarver/M. J. Lanfranco
Liaison Operations

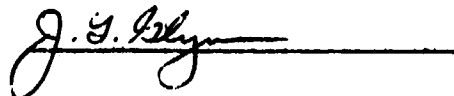
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Data Operations





This document has been reviewed and is approved for release.

N. D. Kemp
Data Management Services



Chrysler Corporation Space Division assumes no responsibility for
the data presented herein other than display characteristics.

RESULTS OF TESTS OA63 AND IA29 ON AN 0.015-SCALE MODEL
OF THE SPACE SHUTTLE CONFIGURATION 140 A/B
IN THE NASA/ARC 6- BY 6-FOOT TRANSONIC WIND TUNNEL
By R. H. Spangler* and D. E. Thornton*

ABSTRACT

Tests were conducted in the NASA/ARC 6- by 6-Foot Transonic Wind Tunnel from September 12 to September 28, 1973 on an 0.015-scale model of the Space Shuttle configuration 140 A/B. Surface pressure data were obtained for the orbiter for both launch and entry configuration at Mach numbers from 0.6 to 2.0

The surface pressures were obtained in the vicinity of the cargo bay door hinge and parting lines, the side of the fuselage at the crew compartment and below the OMS pods at the aft compartment. Data were obtained at angles of attack and sideslip consistent with the expected divergencies along the nominal trajectory. These tests were the first in a series of tests supporting the orbiter venting analysis. The series will include tests in three facilities covering a total Mach number range from 0.6 to 10.4.

This report is published in three volumes. Volume I contains representative plotted data while the remaining volumes present the tabulated source data. Integrated Vehicle tabulated data are to be found in Volume II and Orbiter Alone data in Volume III.

* Rockwell International

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Radial Distribution of Local Pressure Field for Orbiter Alone ($90^\circ \leq \text{PHI} \leq 180^\circ$)	B	X/L, MACH, RN/L	469-540

COEFFICIENT SCHEDULE:

A: CP vs. X/L

B: CP vs. PHI

INTRODUCTION

The 0.015-scale vent pressure model (36-OTS) was tested in the NASA/ARC 6- by 6-Foot Transonic Wind Tunnel over a Mach number range from 0.6 to 2.0. Test IA29 of the launch configuration started September 12 and continued through September 25 and OA63 of the entry configuration started September 25 and continued through September 28.

Pressure data were obtained to enable the evaluation of orbiter venting requirements during both launch and entry. The investigation encompassed angles of attack and side slip consistent with nominal trajectory requirements.

NOMENCLATURE
General

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C _p	CP	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m ² , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m ² , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m ³ , slugs/ft ³

Reference & C.G. Definitions

Ab		base area; m ² , ft ²
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
$\frac{l}{c}$ _{REF}	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m ² , ft ²
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

ADDITIONAL NOMENCLATURE

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
X/l	X/L	longitudinal location on orbiter fuselage, fraction of body length.
δ_{eL}	ELEVON	left elevon deflection angle, positive trailing edge down, degrees.
ϕ	PHI	angular location on orbiter fuselage, degrees.

CONFIGURATIONS INVESTIGATED

The 0.015-scale model was a replica of the Space Shuttle Configuration 140 A/B Orbiter and Vehicle 4 external tank (ET) and solid rocket boosters (SRB). Though the attach points for the SRB and ET were in the proper location no attempt was made to simulate the actual attach configuration. Also, the external feed and vent lines on the ET were not simulated.

The orbiter was instrumented with 176 pressure taps on the left side of the fuselage. The orifices were located at the cargo bay door hinge and parting lines, on the side of the fuselage by the crew compartment and below the OMS pod at the aft compartment. The ET and SRB's were not instrumented.

The pressures were measured by four ± 10 psid Stathan PM 131 TC differential pressure transducers housed in four type S scanivalve pressure multiplexors driven by a single solenoid type stepper. Reference and calibration pressures were measured by the facility Exactel micro-manometers. Reference pressures were generally set equal to free stream static pressure.

Two configurations were tested. During launch vehicle testing the SRB's were attached to the tank and the ET to the orbiter. All control surfaces were set at 0° deflection. For entry configuration testing the SRB's and ET were replaced with appropriate off blocks. The left elevon was set at -15° . All other control surfaces remained at 0° deflection.

During the course of the test some pressure orifices or associated tubing developed leaks or became plugged. The following list presents these discrepancies and the effected runs.

IA29

Runs 1-24	leaks: P144, 204, 212, 428, 445 pinched: 308, 312
25-49	same leaks pinched: 211, P226
50-86	same leaks pinched: 211, 226, 404, 422
87	reference pressure 1 ak
88	same leaks plus 426, 427, 429
89-99	same leaks pinched: 130, 402
100-111	same leaks pinched: 130, 210, 211, 402

OA63

112-199 same leaks

The model was sting supported from the orbiter base in an inverted position. Sting adapters were used to provide necessary sideslip angles. Leak and continuity checks of the instrumentation were made. Due to an installation error, the dangleometer mounted in the model could not be used. Installation photographs are shown as figure 3.

Test IA29 was conducted as planned except for the omission of $M = 1.0$ testing due to difficulties in setting this tunnel condition and the questionable resulting data. Other data at Mach numbers close to $M = 1$ were obtained but should be utilized only after qualitative evaluation of the Schlieren photos (figures 4 and 5).

TEST FACILITY DESCRIPTION

The 6- by 6-Foot Wind Tunnel of the NASA Ames Research Center is a closed-circuit, variable pressure facility. The test section has a slotted floor and ceiling, allowing for continuous operation from Mach number 0.25 to 2.20 at stagnation pressures from 0.3 to 1.0 atmosphere for a stagnation temperature of 560°R. These conditions allow Reynolds number variation from 1 to 5 million per foot and a dynamic pressure range from 200 to 1000 pounds per square foot.

TABLE I.

TEST : IA29/OA63		DATE : SEPT., 1973																													
TEST CONDITIONS																															
MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)																												
2.0	2.5×10^6 /Ft	3.58	90																												
1.75	3.0×10^6 /Ft	4.40	90																												
1.75	2.5×10^6 /Ft	3.59	90																												
1.50	4.0×10^6 /Ft	5.70	90																												
1.50	3.5×10^6 /Ft	4.85	80																												
1.40	4.3×10^6 /Ft	5.95	90																												
1.40	4.0×10^6 /Ft	5.52	90																												
1.40	3.5×10^6 /Ft	4.79	80																												
1.25	4.0×10^6 /Ft	5.45	90																												
1.25	3.5×10^6 /Ft	4.69	80																												
1.15	4.0×10^6 /Ft	5.25	90																												
1.15	3.5×10^6 /Ft	4.53	80																												
1.10	4.0×10^6 /Ft	5.20	90																												
1.10	3.5×10^6 /Ft	4.49	80																												
1.05	4.0×10^6 /Ft	5.04	85																												
1.05	3.5×10^6 /Ft	4.34	80																												
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p>BALANCE UTILIZED: _____</p> <p style="margin-top: 20px;">None</p> </div> <div style="width: 65%;"> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 30%; text-align: center;">CAPACITY:</th> <th style="width: 30%; text-align: center;">ACCURACY:</th> <th style="width: 30%; text-align: center;">COEFFICIENT TOLERANCE:</th> </tr> </thead> <tbody> <tr><td>NF</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>SF</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>AF</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>PM</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>RM</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>YM</td><td>_____</td><td>_____</td><td>_____</td></tr> </tbody> </table> </div> </div>					CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:	NF	_____	_____	_____	SF	_____	_____	_____	AF	_____	_____	_____	PM	_____	_____	_____	RM	_____	_____	_____	YM	_____	_____	_____
	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:																												
NF	_____	_____	_____																												
SF	_____	_____	_____																												
AF	_____	_____	_____																												
PM	_____	_____	_____																												
RM	_____	_____	_____																												
YM	_____	_____	_____																												
<p>COMMENTS: Model was instrumented with pressure transducers</p>																															

TABLE I. - Concluded.

TEST : IA29/OA63		DATE : SEPT., 1973	
TEST CONDITIONS			
MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.95	$4.0 \times 10^6 / Ft$	4.63	80
0.95	$3.5 \times 10^6 / Ft$	4.13	80
0.85	$4.0 \times 10^5 / Ft$	4.38	80
0.85	$3.5 \times 10^6 / Ft$	3.87	80
0.75	$4.0 \times 10^6 / Ft$	4.01	80
C.75	$3.5 \times 10^6 / Ft$	3.52	80
C.60	$3.5 \times 10^6 / Ft$	2.95	80
2.0	$2.25 \times 10^6 / Ft$	3.12	80
1.75	$2.25 \times 10^6 / Ft$	3.18	80

BALANCE UTILIZED: None

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	_____	_____	_____
SF	_____	_____	_____
AF	_____	_____	_____
PM	_____	_____	_____
RM	_____	_____	_____
YM	_____	_____	_____

COMMENTS: Model was instrumented with pressure transducers

13

[illegible]

TABLE II. — Continued.

[illegible]

TEST: 66-630 - 129

DATE: SEPT 12-25, 1973

DATA SET / RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES					NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)										TEST RUN NUMBERS
		α	β	Se	Sa	SR	RN	0.6		0.75	0.85	0.95	1.05	1.10	1.15	1.25	1.4	1.5		
1.58001	Phi - Tie 1512 N1.5	A	0	0	0	0	2.65													
02							3.0													
03							3.5													
04							4.0													
05							4.3													
06			+2				2.5													
07							3.5													
08							4.0													
09			-2				2.5													
10							3.5													
11							4.0													
12							4.0													
13			4				2.5													
14							3.5													
15							4.0													
16							4.0													
17			A3-4				2.5													
18			A3-4				2.5													

1

7

13

19

25

31

37

43

49

55

61

67

75.76

CP

MAST

MLPMA

1

α OR β

SCHEDULES

A = -8, -6, -4, -2, 0, 2, 4, 6, 8, 0

A1 = -8, -4, -2, 0, 2, 4, 6, 8, 0

COEFFICIENTS

2.5

A2 = -8, -4, -2, 0, 2, 4, 6, 8, 0

A3 = -8, -6, -4, -2, 0, 2, 4, 6, 8

IDVAR (1)

IDVAR (2)

NOV

TABLE II. -- Continued.

TEST:

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: SEP 12-28, 1973

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)				TEST RUN NUMBERS
		α	β	Se	Sa	SR	RN		1.75	2.0			
REB001	$\phi_1 + T_{12} + S_{12} N_{25}$	A	0	0	0	0	3.0		1.75	2.0			
02							3.0		2				
03							3.5						
04							4.0						
05							4.3						
06			+2				2.5		14	13			
07							3.5						
08							4.0						
09			-2				2.5		26	25			
10							3.5						
11							4.0						
12							4.0						
13			4				2.5		38	37			
14							3.5						
15							4.0						
16		A2					4.0						
17		A3	-4				2.25			52			
18		A3					2.5		50	49			

α OR β

SCHEDULES

COEFFICIENTS

1 7 13 19 25 31 37 43 49 55 61 67 73 76

10VAR (1)

11VAR (2)

12VAR (3)

①

17

TABLE II. - Concluded.

[illegible]

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B₂₆GENERAL DESCRIPTION: Orbiter Fuselage Configuration 140 A/BNOTE: B₂₆ identical to B₂₄ except underside of fuselage refaired to accept W₁₁₆.Model Scale = 0.015DRAWING NUMBER:VL70-000200VL70-000140A/BDIMENSIONS:FULL-SCALEMODEL SCALE*Length (Body nose $X_0 = 235$) - in.1293.319.3995Max. Width (at $X_0 = 1520$) - in.262.03.93000Max. Depth (at $X_0 = 1464$) - in.250.03.75000

Fineness Ratio

4.924814.92481Area - ft²

Max. Cross-Sectional

340.884620.07670

Planform

Wetted

Base

* NOTE: Theoretical body length used in

data reduction - in.

1290.319.35450

TABLE III. - Continued.

MODEL COMPONENT: CANOPY - C_o

GENERAL DESCRIPTION: Configuration 3A

Model Scale = 0.015

DRAWING NUMBER

VL70-000140A
VL70-000142A

DIMENSION:

FULL SCALE

MODEL SCALE

Length ($X_o=134.643$ to 670)

235.357

3.53036

Max Width ($\odot X_o=513.127$)

152.412

2.28618

Max Depth ($\odot X_o=485.0$)

25.000

0.37500

Fineness Ratio

Area

Max Cross-Sectional

Planform

Wetted

Base

TABLE III. - Continued.

MODEL COMPONENT: ELEVON - E₂₆GENERAL DESCRIPTION: Configuration 4Data for (1) of (2) sides. Identical to E₂₅ except
airfoil thicknessModel Scale = 0.015DRAWING NUMBER:VL70-000200
VL70-000140 A/BDIMENSIONS:FULL-SCALEMODEL SCALE

Area	<u>223.5814</u>	<u>0.05031</u>
Span (equivalent)	<u>368.34</u>	<u>5.52510</u>
Inb'd equivalent chord	<u>119.623</u>	<u>1.79434</u>
Outb'd equivalent chord	<u>55.1922</u>	<u>0.82788</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.2096</u>	<u>0.2096</u>
At Outb'd equiv. chord	<u>0.4004</u>	<u>0.4004</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Tailing Edge	<u>-10.056</u>	<u>-10.056</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line)	<u>851.1502</u>	<u>0.00287</u>

TABLE III. - Continued.

MODEL COMPONENT: Body Flap - F₈GENERAL DESCRIPTION: Configuration 4MODEL SCALE: 0.015.

Model Scale -

DRAWING NUMBER

VL70-000140A/B, VL70-000200DIMENSION:FULL SCALEMODEL SCALE

Length in.

94.8561.42284

Max Width in.

262.3083.943462

Max Depth in.

23.0000.34500

Fineness Ratio

Area - ft²

Max Cross-Sectional

Platform

158.853500.03574

Wetted

Base

41.896420.00943

TABLE III. - Continued.

MODEL COMPONENT: OMS POD - M₇GENERAL DESCRIPTION: Configuration 3AMODEL SCALE: 0.015DRAWING NUMBER:VL70-000140A/BVL70-000145DIMENSIONS:FULL-SCALEMODEL SCALELength (OMS Fwd Sta. $X_0 = 1233.0$) IN.327.0004.9050Max. Width (@ $X_0 = 1450.0$) - IN.94.51.4175Max. Depth (@ $X_0 = 1493.0$) - IN.109.0001.6350

Fineness Ratio

Area

Max. Cross-Sectional

Planform

Wetted

Base

TABLE III. - Continued.

MODEL COMPONENT: BSRM NOZZLES -- N25GENERAL DESCRIPTION: Configuration 3A BSRM NozzlesModel Scale = 0.015

DRAWING NO.

VL72-000088A
VL77-000036B

DIMENSIONS

FULL-SCALE

MODEL SCALE

MACH NO. _____

DIAMETER DEX ~ IN (One Nozzle)

141.32.11950

DIAMETER DT ~ IN

DIAMETER DIN ~ IN

ON ~ DEGREES

AREA - FT² (One Nozzle)

MAX CROSS-SECTIONAL

108.895950.02450

GIMBAL ORIGIN

X₀Y₀Z₀

LEFT NOZZLE ~ IN. F.S.

1825.3-243400

RIGHT NOZZLE ~ IN. FS

1825.3+243400

NULL POSITION - DEG.

PITCHYAW

LEFT NOZZLE

+8+8

RIGHT NOZZLE

+8+8

TABLE III. - Continued.

MODEL COMPONENT: RUDDER - R5GENERAL DESCRIPTION: 3A Configuration RudderModel Scale = 0.015DRAWING NUMBER: VL70-000146A

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - FT ²	<u>106.38</u>	<u>0.02394</u>
Span (equivalent) - IN.	<u>201.0</u>	<u>3.01500</u>
Inb'd equivalent chord	<u>91.585</u>	<u>1.37378</u>
Outb'd equivalent chord	<u>50.833</u>	<u>0.76249</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Tailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line)- FT ³	<u>526.13</u>	<u>0.00178</u>
Product of Area and Mean Chord		

TABLE III. - Continued.

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - S12GENERAL DESCRIPTION: Configuration 3A, Data for (1) of (2) sides.Model Scale = 0.015

DRAWING NUMBER

VL72-000088AVL77-000036ADIMENSION:FULL SCALEMODEL SCALE

Length (Includes Nozzle) - IN.	<u>1741.0</u>	<u>26.115</u>
Max Width (Tank Dia) - IN.	<u>142.3</u>	<u>2.1345</u>
Max Depth (Aft Shroud) - IN.	<u>192.0</u>	<u>2.880</u>
Fineness Ratio	<u>9.06771</u>	<u>9.06771</u>
Area - FT ²		
Max Cross-Sectional	<u>201.06193</u>	<u>0.04524</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>
WP of BSRM Centerline (Z _T) - IN.	<u>400</u>	<u>6.000</u>
FS of BSRM Nose (X _T) - IN.	<u>200</u>	<u>3.000</u>

TABLE III. - Continued.

MODEL COMPONENT: EXTERNAL TANK - T12GENERAL DESCRIPTION: External Oxygen Hydrogen TankNOTE: Identical to T11 with external fuel lines addedModel Scale = 0.015

DRAWING NUMBER

VL72-000088A
VL78-000041 BDIMENSION:FULL SCALEMODEL SCALELength - IN. (Nose @ $X_T = 309$)186527.975

Max Width (Dia) - IN.

3244.860

Max Depth

Fineness Ratio

5.756175.75617Area - FT²

Max Cross-Sectional

572.5550.12882

Planform

Wetted

Base

WP of Tank Centerline (Z_T) - IN.400.06.000

TABLE III. - Continued.

MODEL COMPONENT: VERTICAL - VGENERAL DESCRIPTION: Configuration 3A

NOTE: Similar to V5 with radius on TE upper corner and LE lower corner
 where vertical meets fuselage.

Model Scale = 0.015

DRAWING NUMBER:

VL70-0001A/B
 VL70-0001A6A

DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo) Ft^2	413.253	0.09298
Planform		
Span (Theo) In	315.720	4.73580
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.40399	0.40399
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	25.947	25.947
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.500	4.02750
Tip (Theo) WP	108.170	1.62705
MAC	199.80756	2.99711
Fus. Sta. of .25 MAC	1463.50	21.95250
W. P. of .25 MAC	635.522	9.53283
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.00	10.00
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius (in) - IN.	2.00	0.0300
Void Area	13.17	0.00296
Blanketed Area	0.00	0.00

TABLE III. - Concluded.

MODEL COMPONENT: WING-W₁₁₆GENERAL DESCRIPTION: Configuration 4NOTE: Identical to W₁₁₄ except airfoil thickness. Dihedral angle is along
trailing edge of wing.

Model Scale = 0.015

TEST NO.DWG. NO. VL70-000140A/B
VL70-000200DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATAArea (Theo.) Ft²

Planform

2690.00

0.60525

Span (Theo) In.

936.6816

14.05022

Aspect Ratio

2.265

2.265

Rate of Taper

1.177

1.177

Taper Ratio

0.200

0.200

Dihedral Angle, degrees (at X₀=1506.623, Y₀=

3.500

3.500

Incidence Angle, degrees 105, Z₀= 282.75)

0.500

0.500

Aerodynamic Twist, degrees

+3.000

+3.000

Sweep Back Angles, degrees

45.00

45.00

Leading Edge

-10.056

-10.056

Trailing Edge

35.209

35.209

0.25 Element Line

Chords:

Root (Theo) B.P.O.O.

689.2429

10.33864

Tip, (Theo) B.P.

137.8486

2.06773

MAC

474.8117

7.12218

Fus. Sta. of .25 MAC

1126.721

17.05082

W.P. of .25 MAC

291.00

4.36500

B.L. of .25 MAC

187.33491

2.81002

EXPOSED DATAArea (Theo) Ft²

1812.2205

0.40775

Span, (Theo) In. BP108

736.6816

11.05022

Aspect Ratio

2.058

2.058

Taper Ratio

0.2451

0.2451

Chords

Root BP108

570.6230

8.55934

Tip 1.00 $\frac{b}{2}$

137.8512

2.06777

MAC

354.2376

5.31356

Fus. Sta. of .25 MAC

1164.237

17.46356

W.P. of .25 MAC

292.00

4.38000

B.L. of .25 MAC

239.67786

3.59517

Airfoil Section (Rockwell Mod NASA)
XXXX-64Root $\frac{b}{2}$ = 0.425

0.113

0.113

Tip $\frac{b}{2}$ = 1.00

0.12

0.12

Data for (1) of (2) Sides

Leading Edge Cuff

Planform Area Ft²

118.333

0.02662

Leading Edge Intersects Fus M. L. @ Sta

505.0

7.57500

Leading Edge Intersects Wing @ Sta

1003.5

15.05250

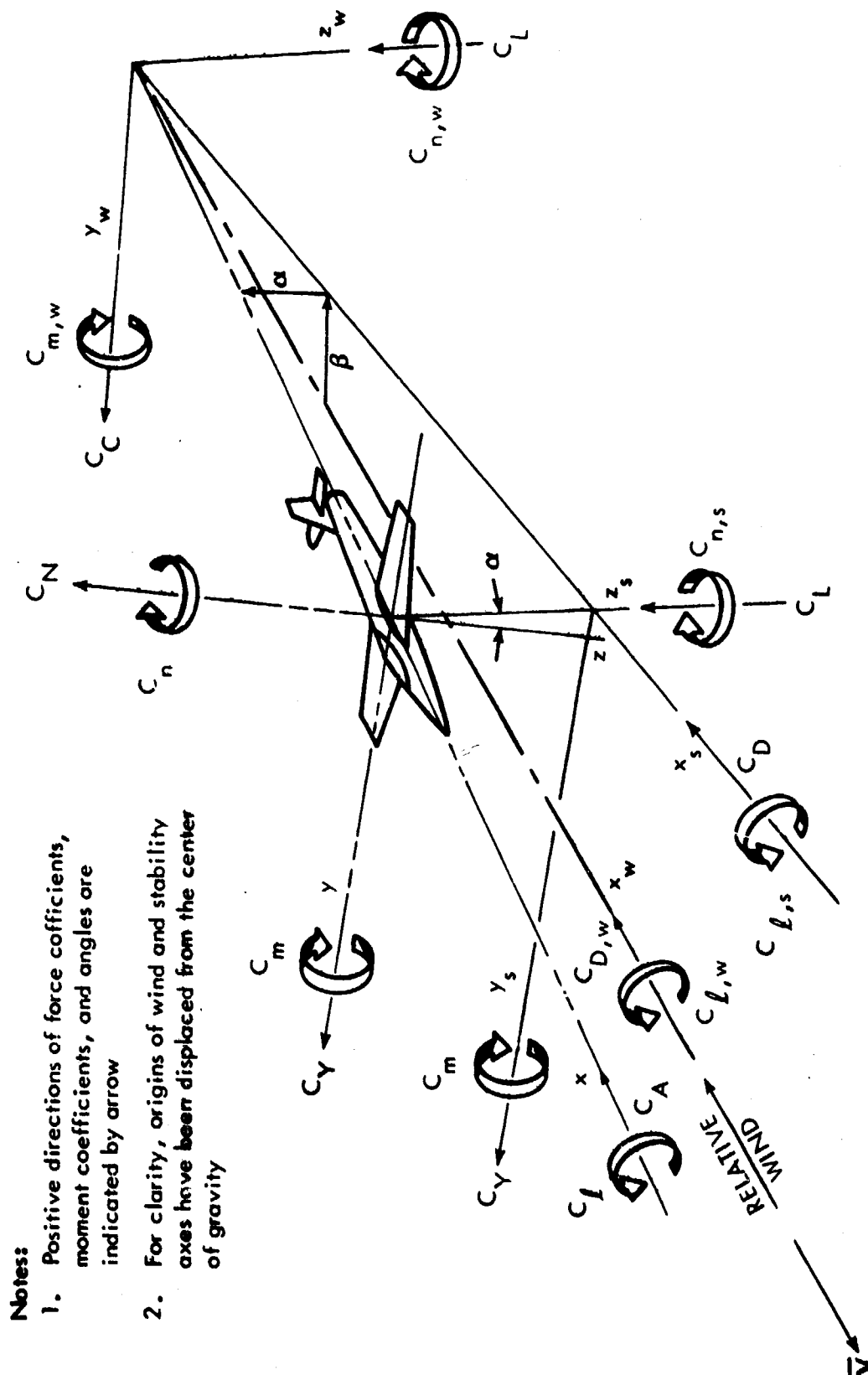
TABLE IV. - PPESSURE TAP LAYOUT

X_o	X/L	$\phi=60$	$\phi=70$	$\phi=80$	$\phi=90$	$\phi=100$	$\phi=110$	$\phi=120$	$\phi=130$	$\phi=140$	$\phi=150$	$\phi=160$	$\phi=170$	$\phi=180$
350	.087	102	103	104										
400	.126	105	106	107										
450	.164	108	109	110	111									
500	.203				112									
550	.242				113									
578	.264				114									
602	.282				126									
626	.301				130									
650	.319				134									
674	.338				138									
698	.357				142									
722	.375				146									
746	.394				204									
760	.405				208									
794	.431				218									
818	.450				222									
842	.468				228									
866	.486				232									
890	.505				236									
914	.524				240									
						115	116	117	118	119	120	121	122	123
						127	128							129
						131	132							133
						135	136							137
						139	140							141
						143	144							145
						147	202							203
						205	206							207
						209	210	211	212	213	214	215	216	217
						219	220							221
						223	226							227
						229	230							231
						233	234							235
						237	238							239
						241	242							243

TABLE IV. - PRESUPE TAP LAYOUT - Concluded.

X_0	X/L	$\phi=60$	$\phi=70$	$\phi=80$	$\phi=90$	$\phi=100$	$\phi=110$	$\phi=120$	$\phi=130$	$\phi=140$	$\phi=150$	$\phi=160$	$\phi=170$	$\phi=180$
942	.546				244	245	246	247	302	303	304	305	306	307
962	.561				308	309	310							311
986	.580				312	313	314							315
1010	.598				316	317	318							319
1034	.617				320	321	322							323
1058	.636				326	327	328							329
1082	.654				330	331	332							333
1106	.673				334	335	336							337
1125	.688				338	339	340							347
1154	.710				402	403	404						346	405
1178	.729				406	407	408	341	342	343	344	345		409
1202	.747				410	411	412							413
1226	.767				414	415	416							417
1250	.785				418	419	420							421
1274	.803				422	423	426							427
1307	.829				428	429	430	431	432	433	434	435	436	437
1350	.862		438	439	440									
1400	.900		442	443	444									
1450	.940		445	446	447									

ϕ in degrees, measured clockwise from bottom centerline (looking forward) about FRL at $Z_0 = 400$, $Y_0 = 0.0$



- Notes:**
1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrow
 2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

Figure 1. - Axis systems.

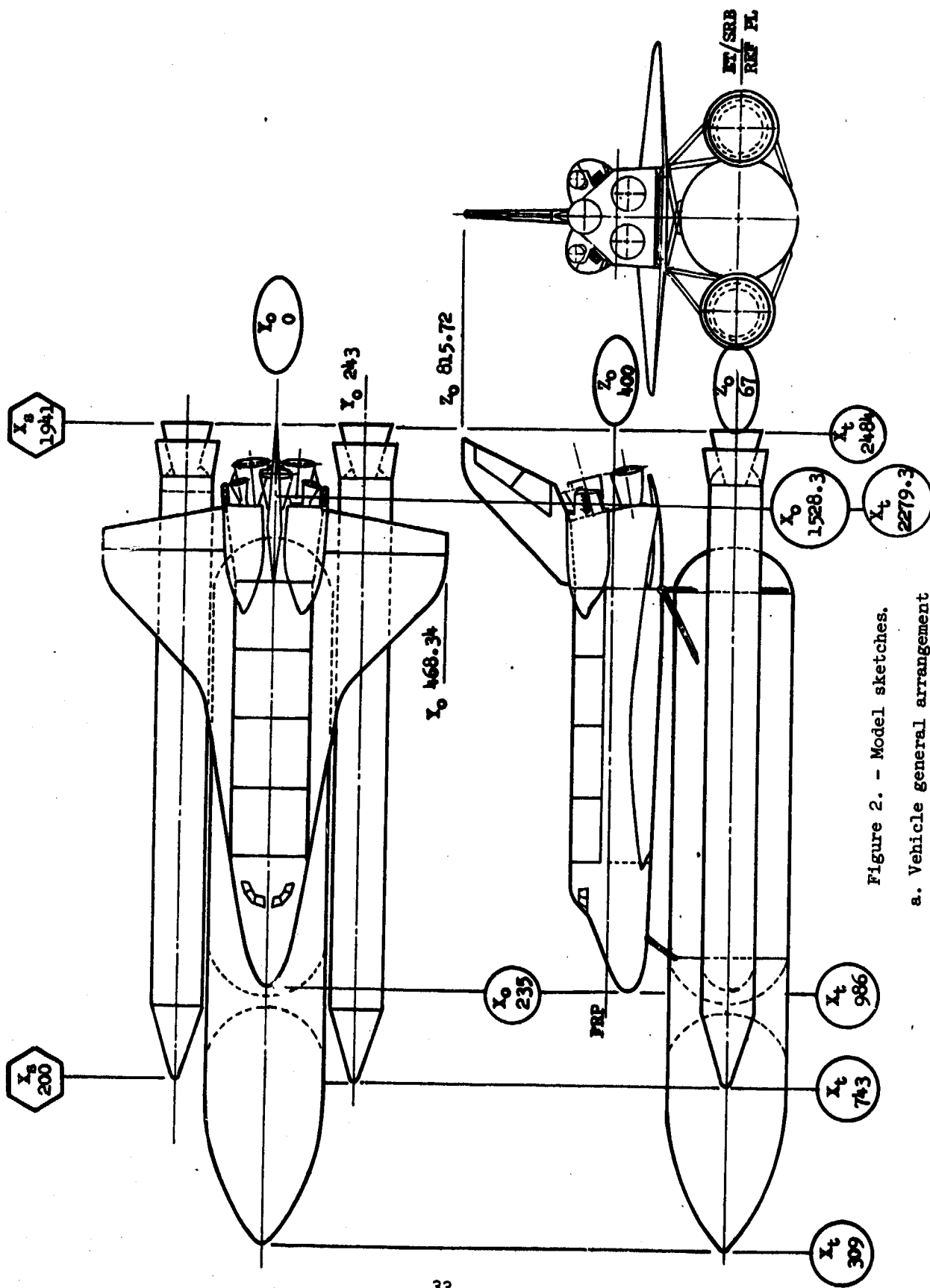


Figure 2. - Model sketches.

a. Vehicle general arrangement

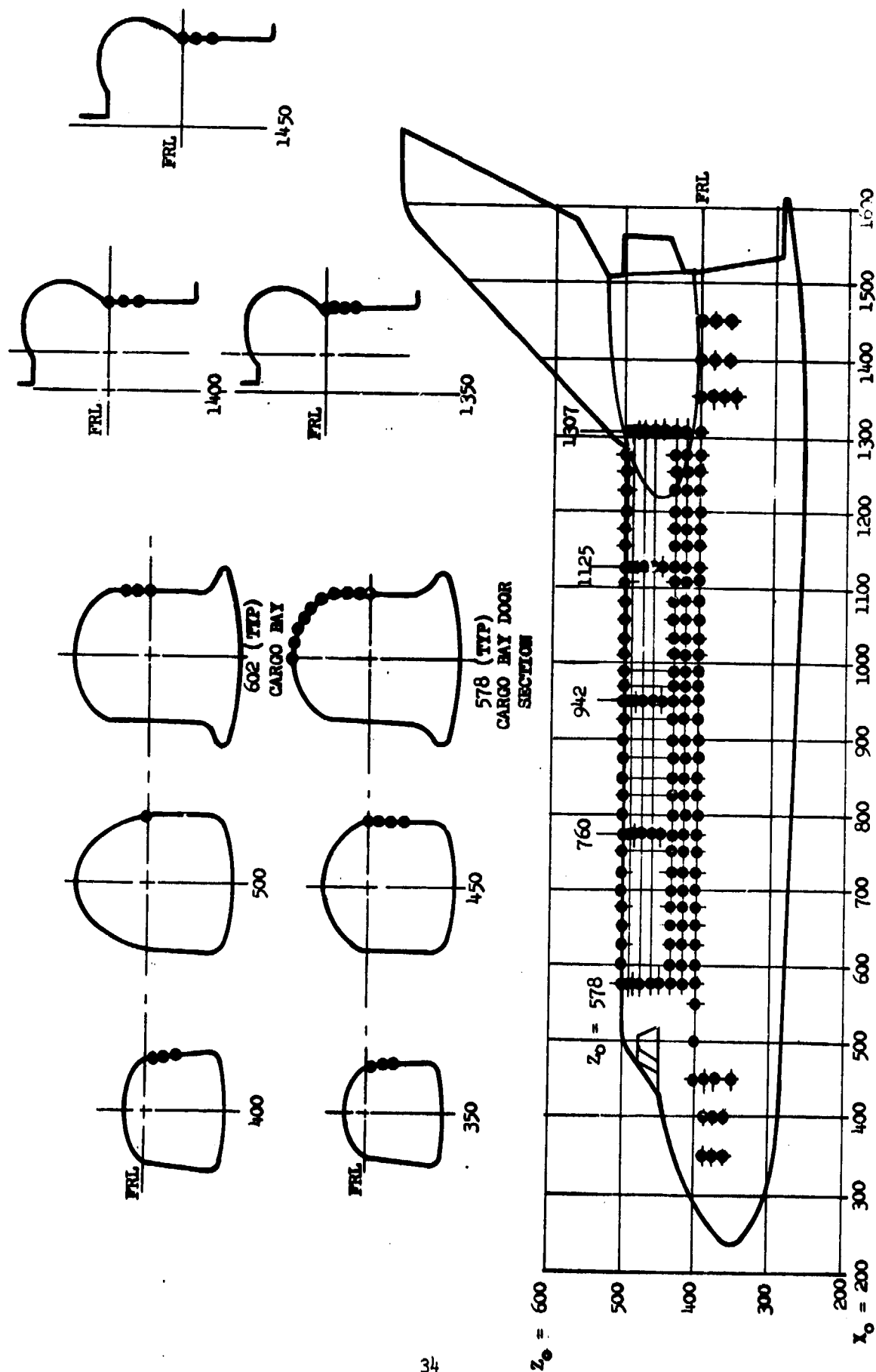


Figure 2. - Concluded.
b. Orbiter Pressure Tap Locations



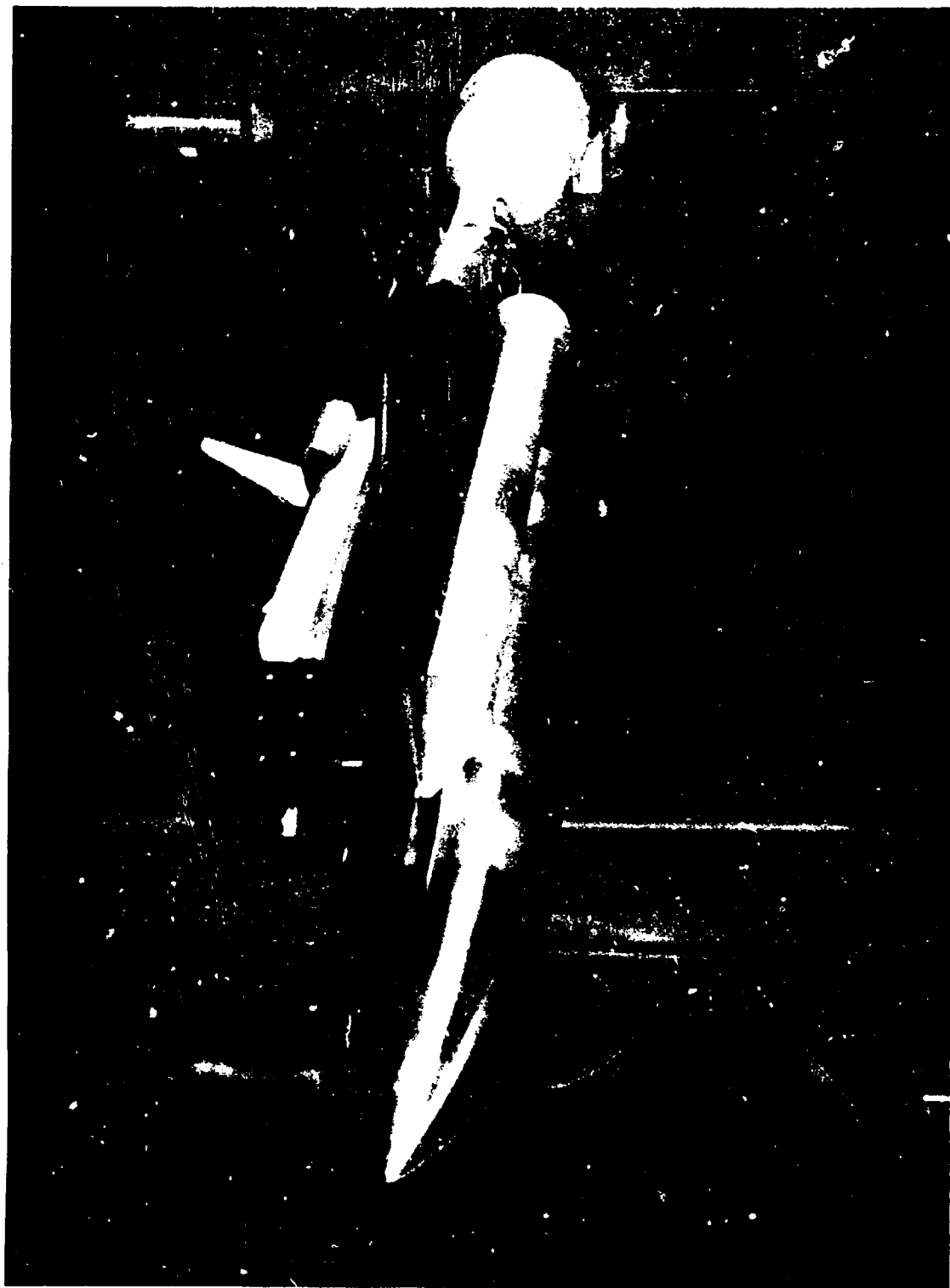
(a) One-quarter view model 36-0 installed in ARC 6- by 6-Foot Wind Tunnel.

Figure 3. - Model photographs.



(b) Three-quarter view model 36-OTS installed in ARC 6- by 6-foot Wind Tunnel.

Figure 3. - Continued.



(c) One-quarter view model 36-OTS installed in ARC 6- by 6-Foot Wind Tunnel.

Figure 3. - Continued.



(d) Three-quarter view model 36-0 installed in ARC 6- by 6-Foot Wind Tunnel.

Figure 3. - Continued.



a. Mach = 2.0, $\alpha = 0^\circ$, $\beta = -4^\circ$

Figure 4. - Schlieren Photographs - Test IA29



b. $\text{Mach} = 1.4$, $\alpha = 0^\circ$, $\beta = -1.4^\circ$

Figure 4. - Continued.



c. Mach = 1.25, $\alpha = 0^\circ$, $\beta = -4^\circ$

Figure 4. - Continued.



d. Mach = 1.15, $\alpha = 0^\circ$, $\beta = -4^\circ$

Figure 4. - Continued.



e. Mach = 1.10, $\alpha = 0^\circ$, $\beta = -4^\circ$

Figure 4. - Continued.



f. Mach = 1.05, $\alpha = 0^\circ$, $\beta = -4^\circ$

Figure 4. - Continued.



g. $\text{Mach} = 0.95, \alpha = 0^\circ, \beta = -4^\circ$

Figure 4. - Continued.



h. $\text{Mach} = 0.85, \alpha = 0^\circ, \beta = -4^\circ$

Figure 4. - Concluded.



a. Mach = 2.0, $\alpha = 6^\circ$, $\beta = 0^\circ$

Figure 5. - Schlieren Photographs - Test OA63



b. Mach = 1.5, $\alpha = 6^\circ$, $\beta = 0^\circ$

Figure 5. - Continued.



c. Mach = 1.4, $\alpha = 6^\circ$, $\beta = 0^\circ$

Figure 5. - Continued.



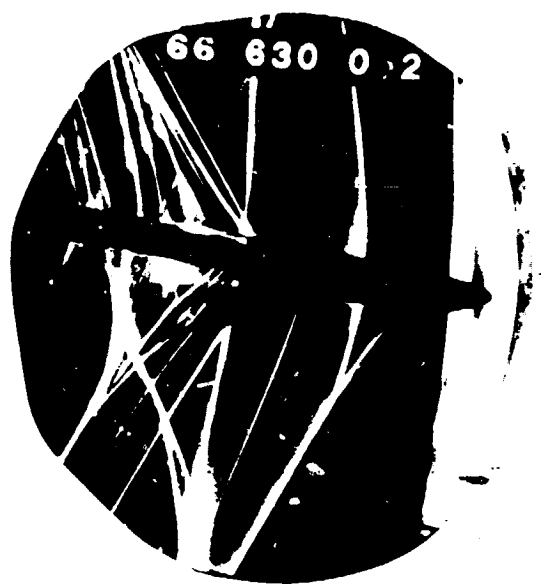
d. Mach = 1.25, $\alpha = 6^\circ$, $\beta = 0^\circ$

Figure 5. - Continued.



e. Mach = 1.15, $\alpha = 6^\circ$, $\beta = 0^\circ$

Figure 5. - Continued.



f. Mach = 1.10, $\alpha = 6^\circ$, $\beta = 0^\circ$

Figure 5. - Continued.



g. Mach = 1.05, $\alpha = 6^\circ$, $\beta = 0^\circ$

Figure 5. - Continued.



h. Mach = 0.95, $\alpha = 6^\circ$, $\beta = 0^\circ$

Figure 5. - Concluded.

DATA FIGURES

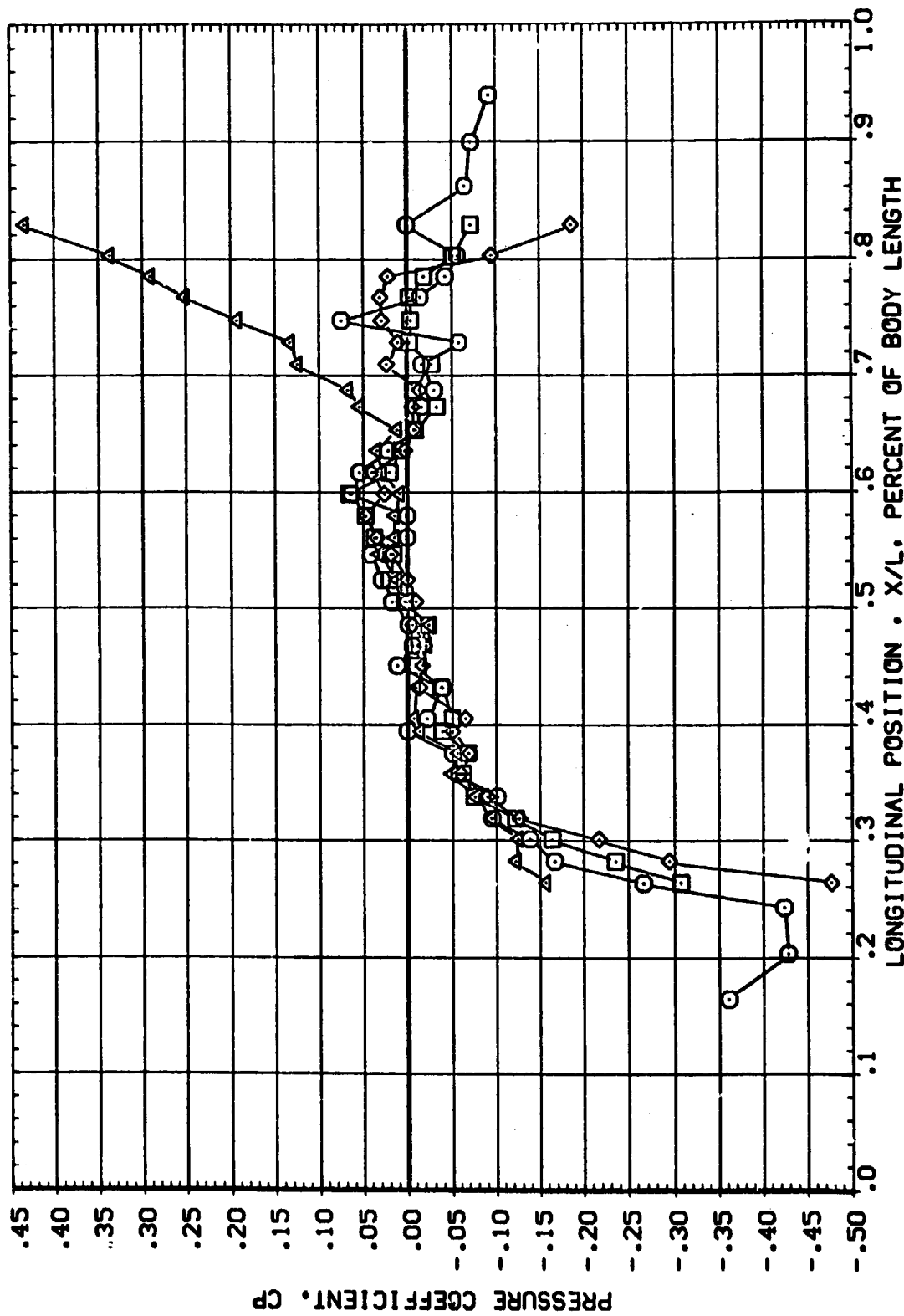
VOLUME I

See Volumes II (IA29) and III (OA63)
for tabulated data listings.



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

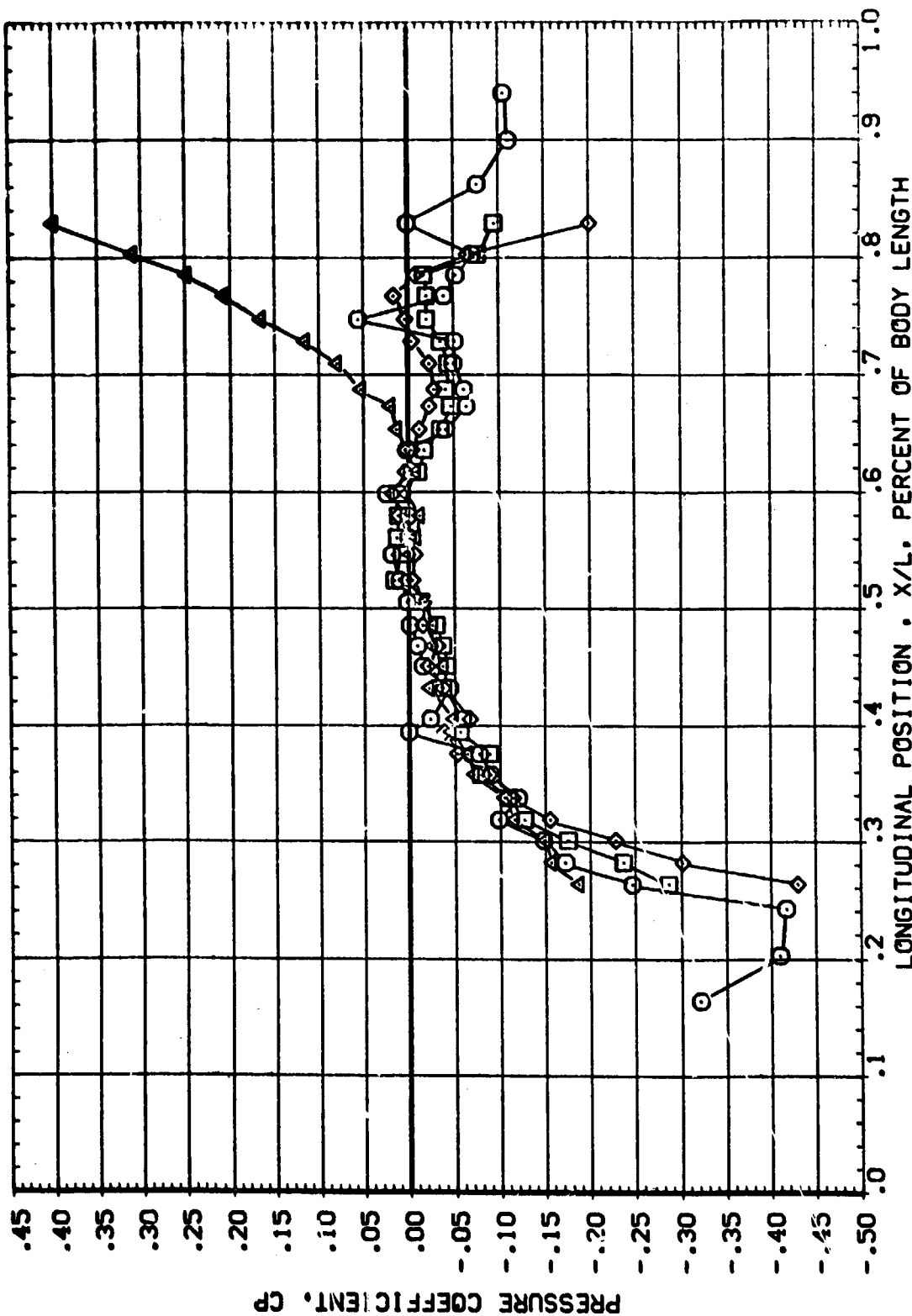
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-8.342	.602	.000	ELEVTR
□	100.000			.000	RUDER
△	110.000			3.500	
◇	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 68-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

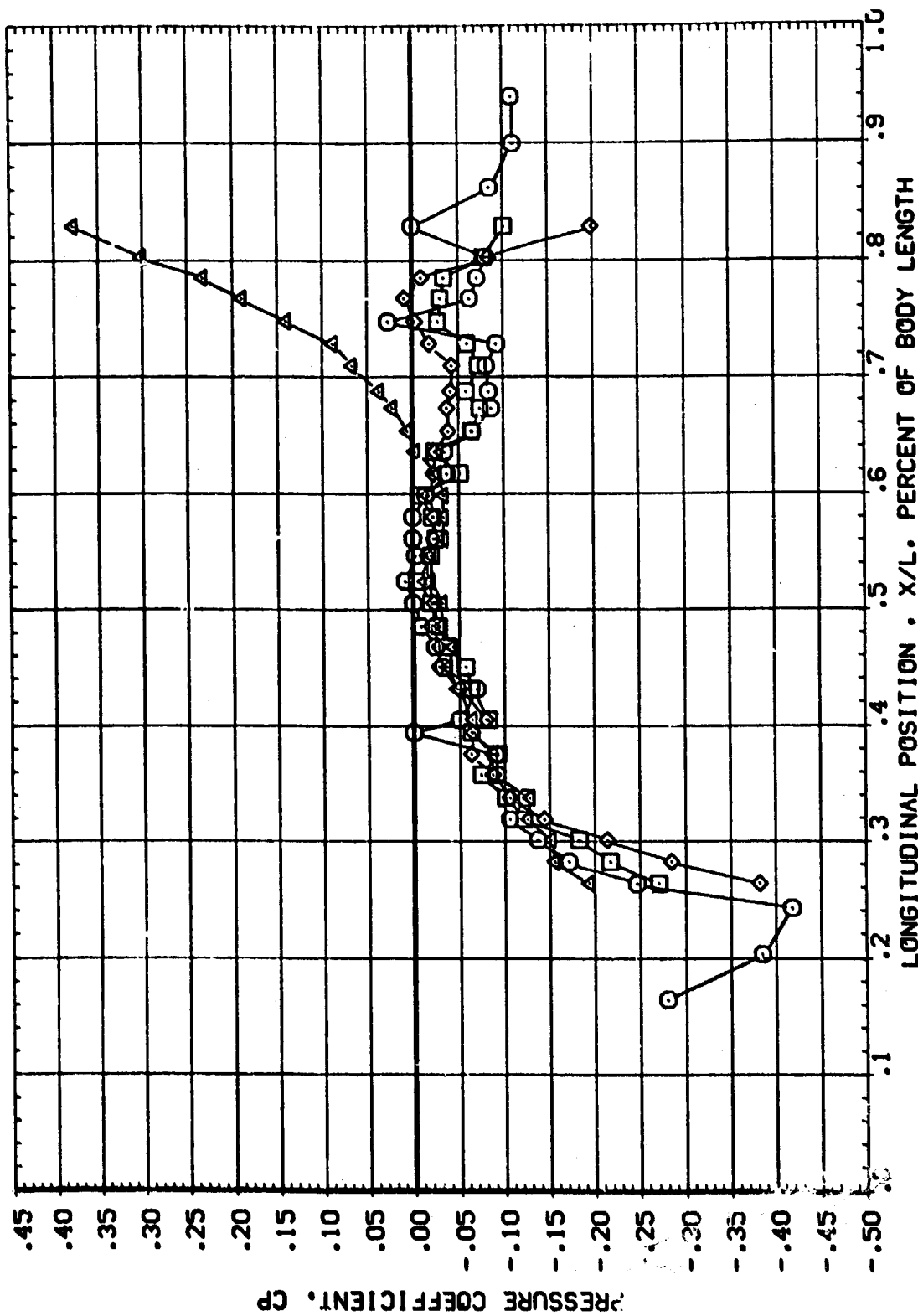
SYMBOL	PHI		ALPHA		MACH		PARAMETRIC VALUES			
	90.000	100.000	-6.372	.598	BETA	.000	ELEVTR	.000	AILRON	.000
	110.000	180.000			RM/L	3.500	RJODER			



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

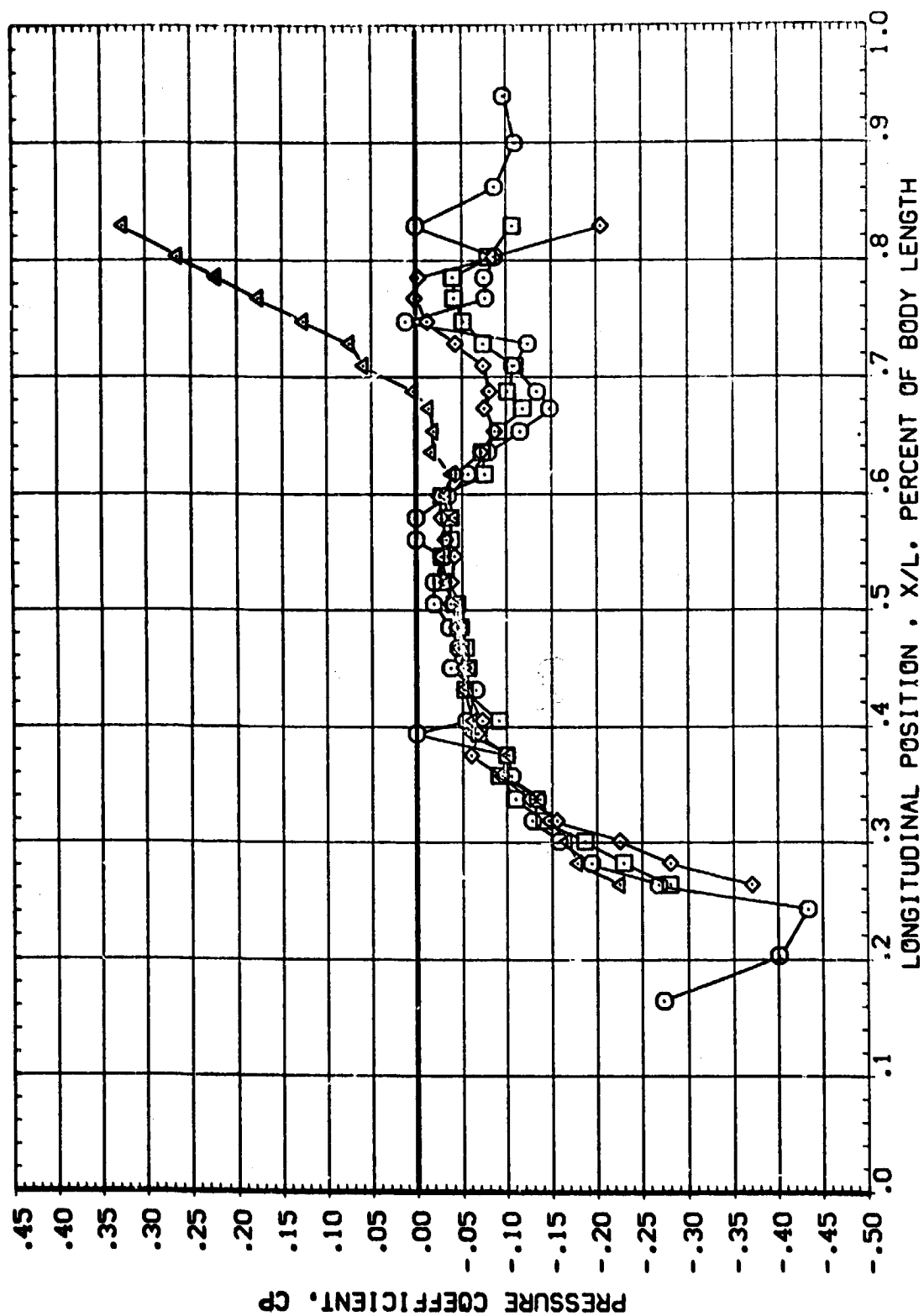
SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-4.359	.595	.000	ELEVTR .000
□	100.000			.000	RUDER .000
◇	110.000			3.500	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-2.195	.601	.000	.000
□	100.000			.000	.000
◇	110.000			.000	.000
△	180.000			3.500	.000



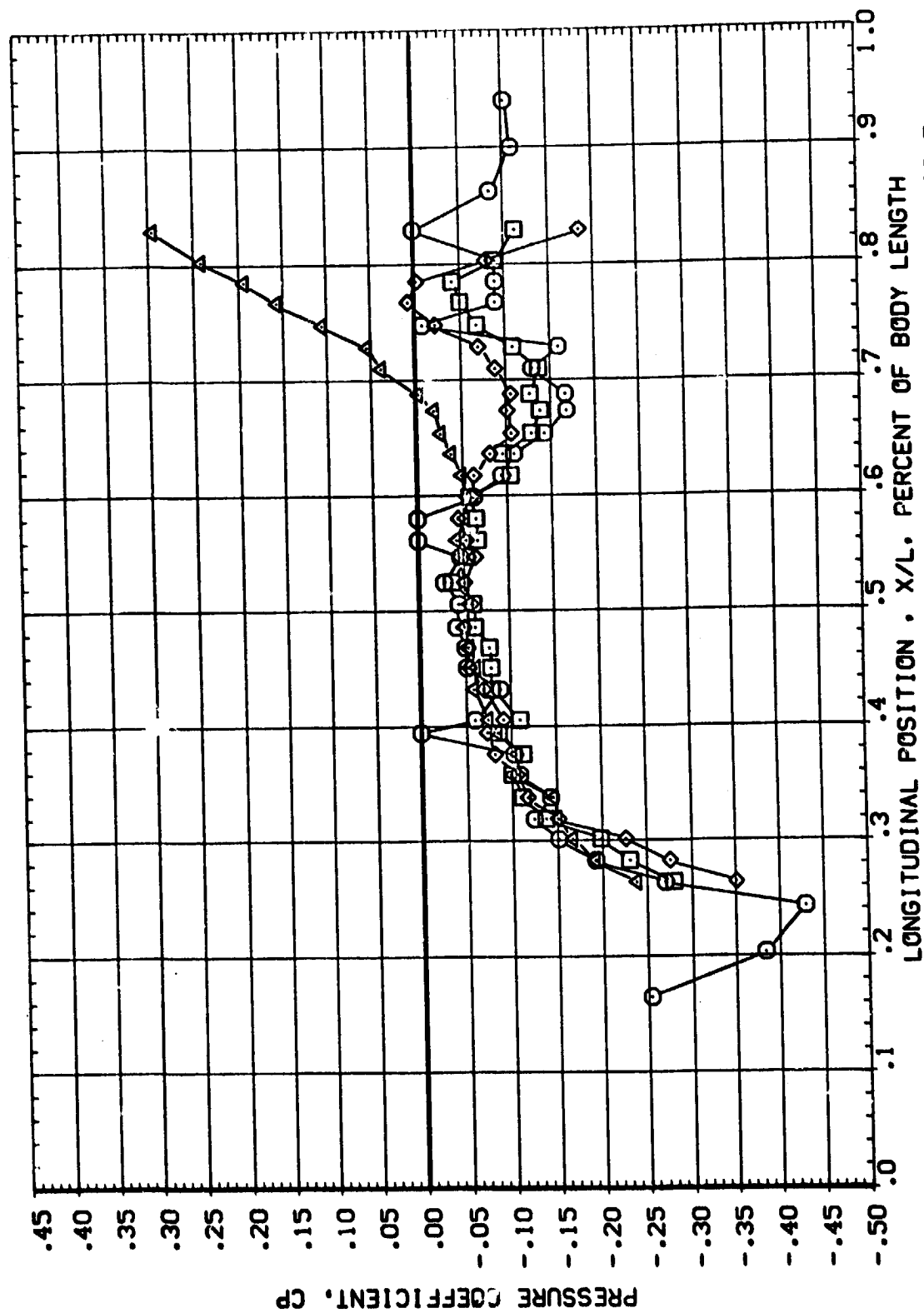
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

PARAMETRIC VALUES	
BETA	.000
ATLRON	.000
RVAL	3.500
PHI	90.000
ALPHA	-.127
MACH	.600

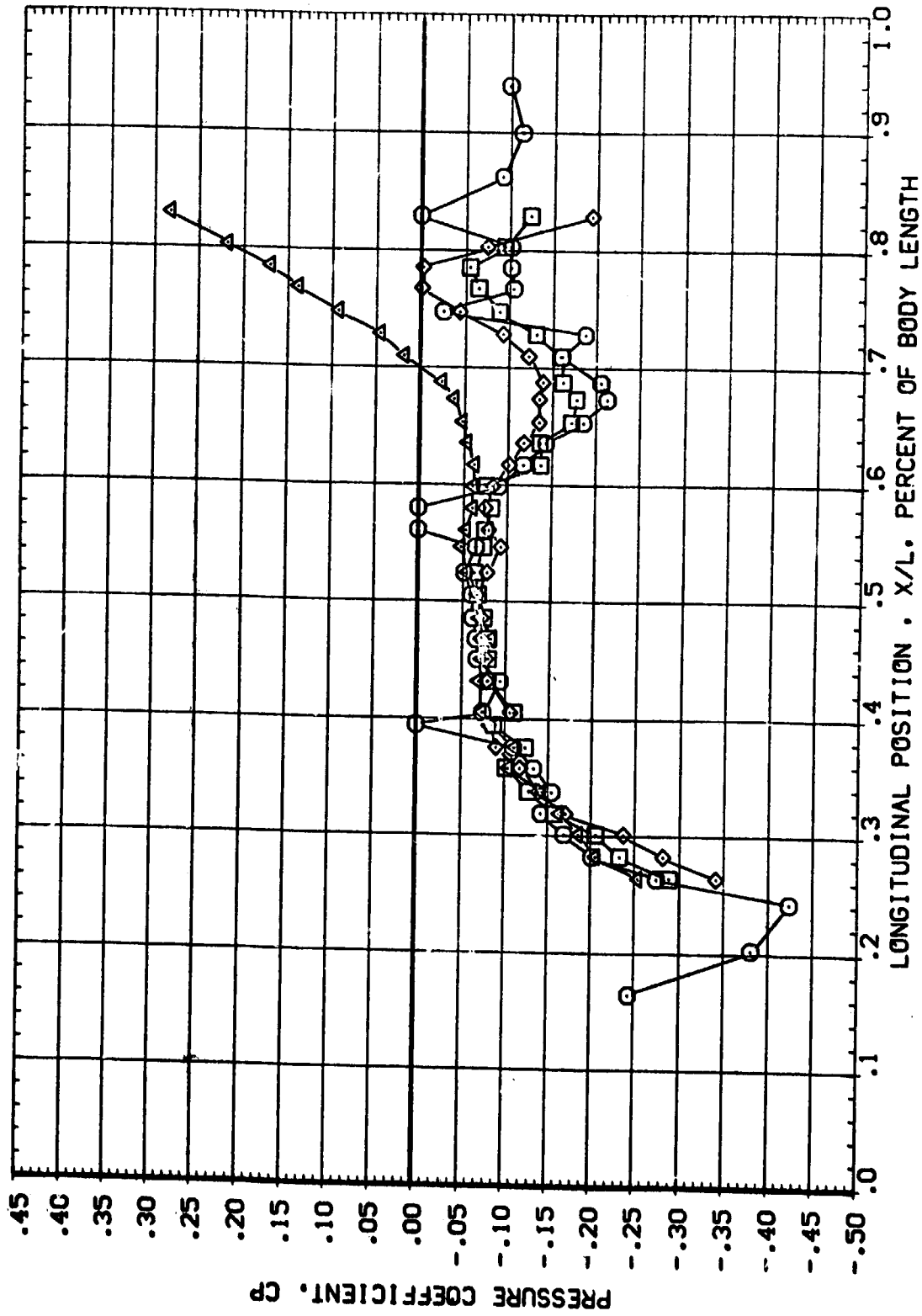
SYMBOL	VALUE
○	100.000
□	110.000
◇	120.000
△	130.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

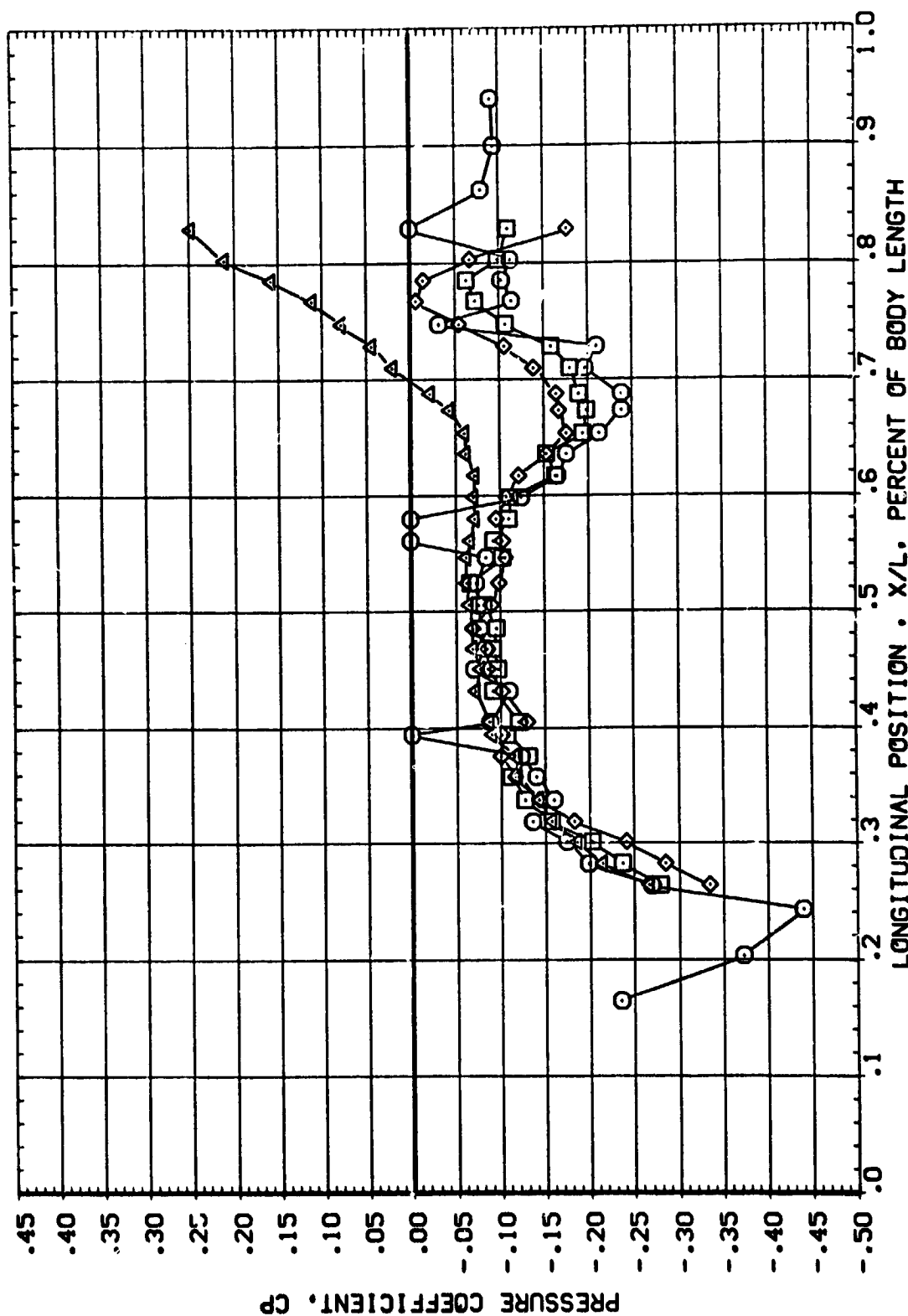
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES
○	90.000	1.924	.600	.000	.000	.000	ELEVTR
□	100.000			.000	.000	3.500	RUDER
◇	110.000						
△	180.000						



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

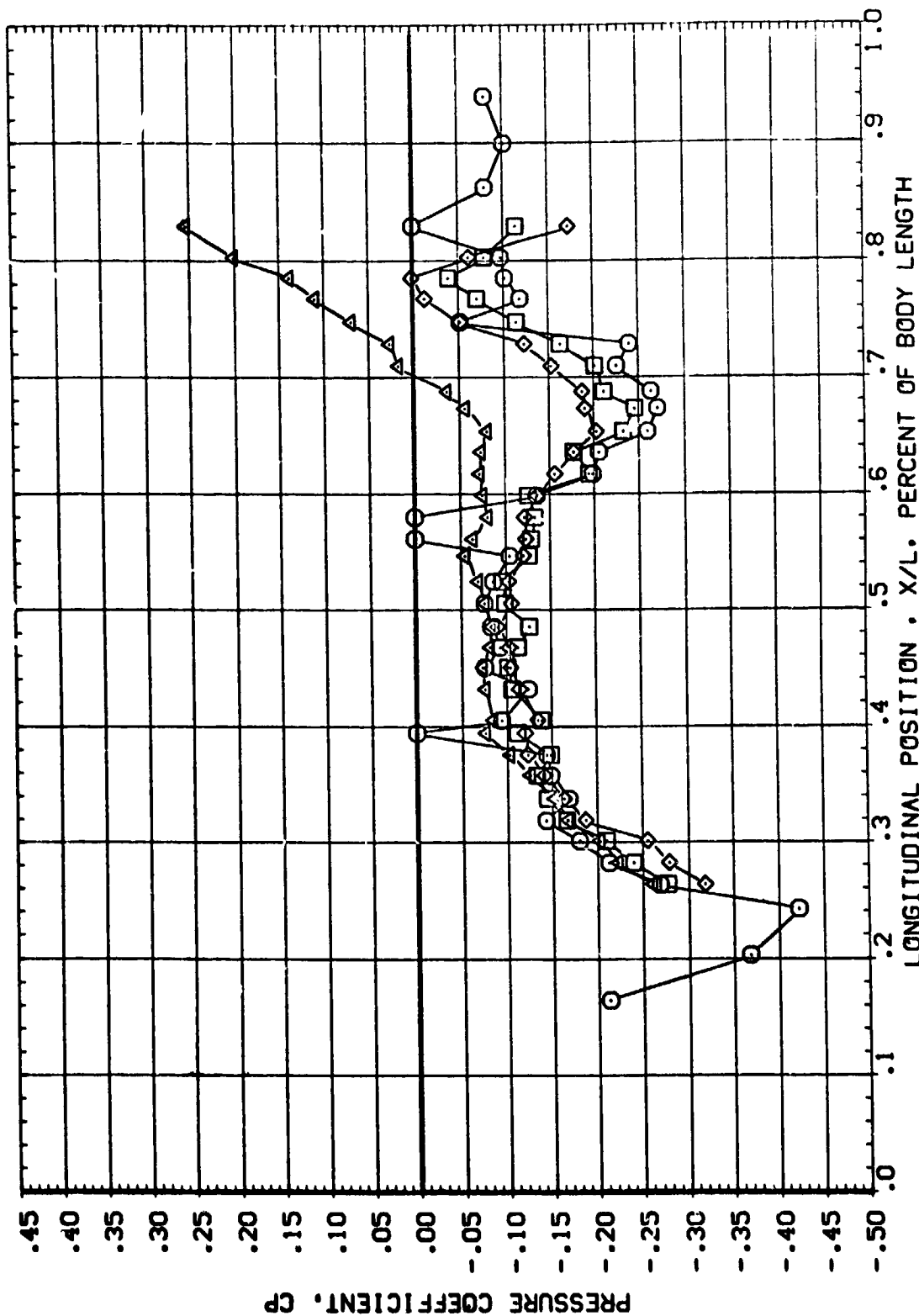
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○	90.000	4.049	.598	.000	ELEVTR
□	100.000			.000	RUDDER
◇	110.000			3.500	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

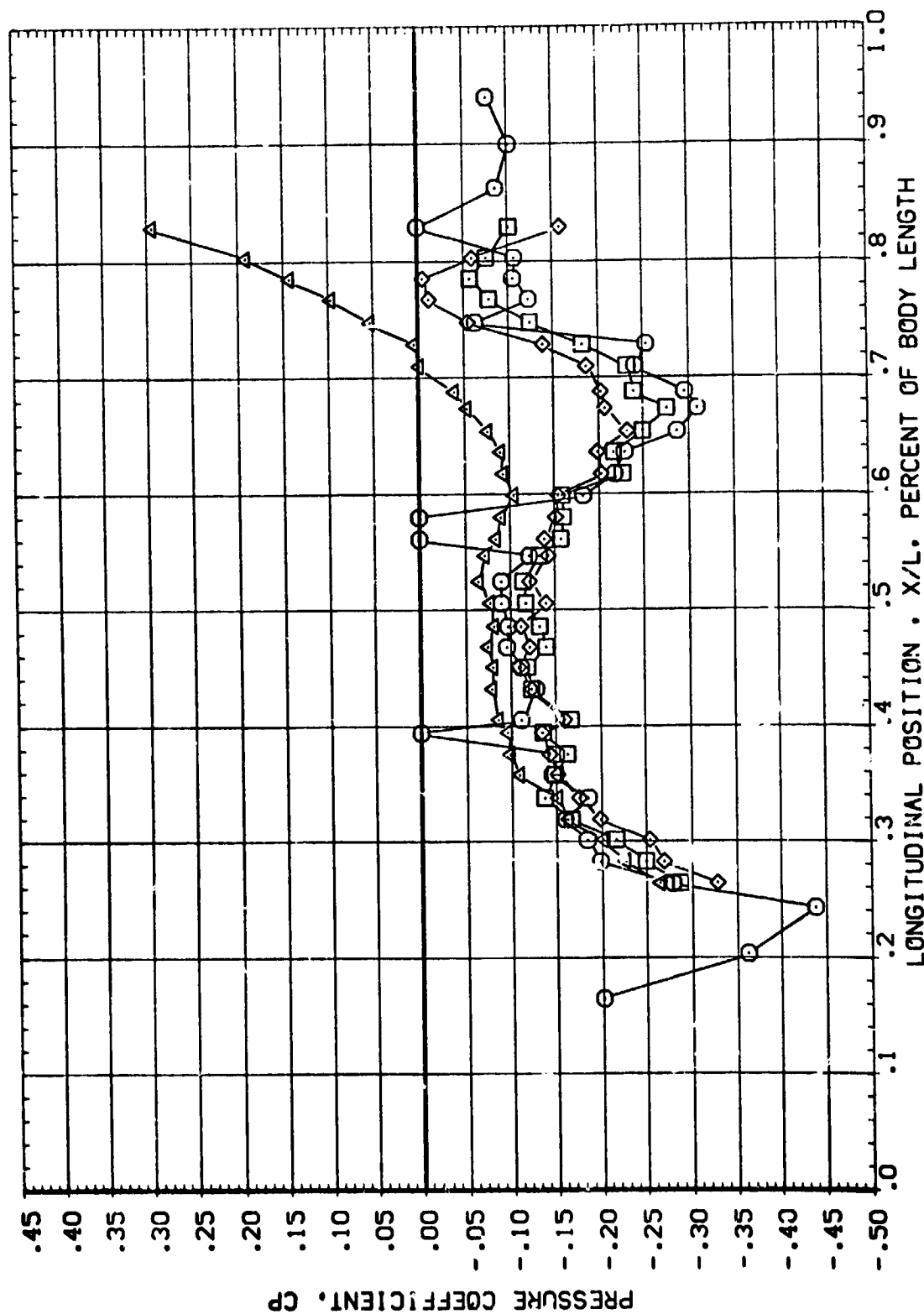
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	50.000	6.091	.599	AILRON	.000
□	100.000			RUDDER	.000
◇	110.000			RV/L	3.500
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

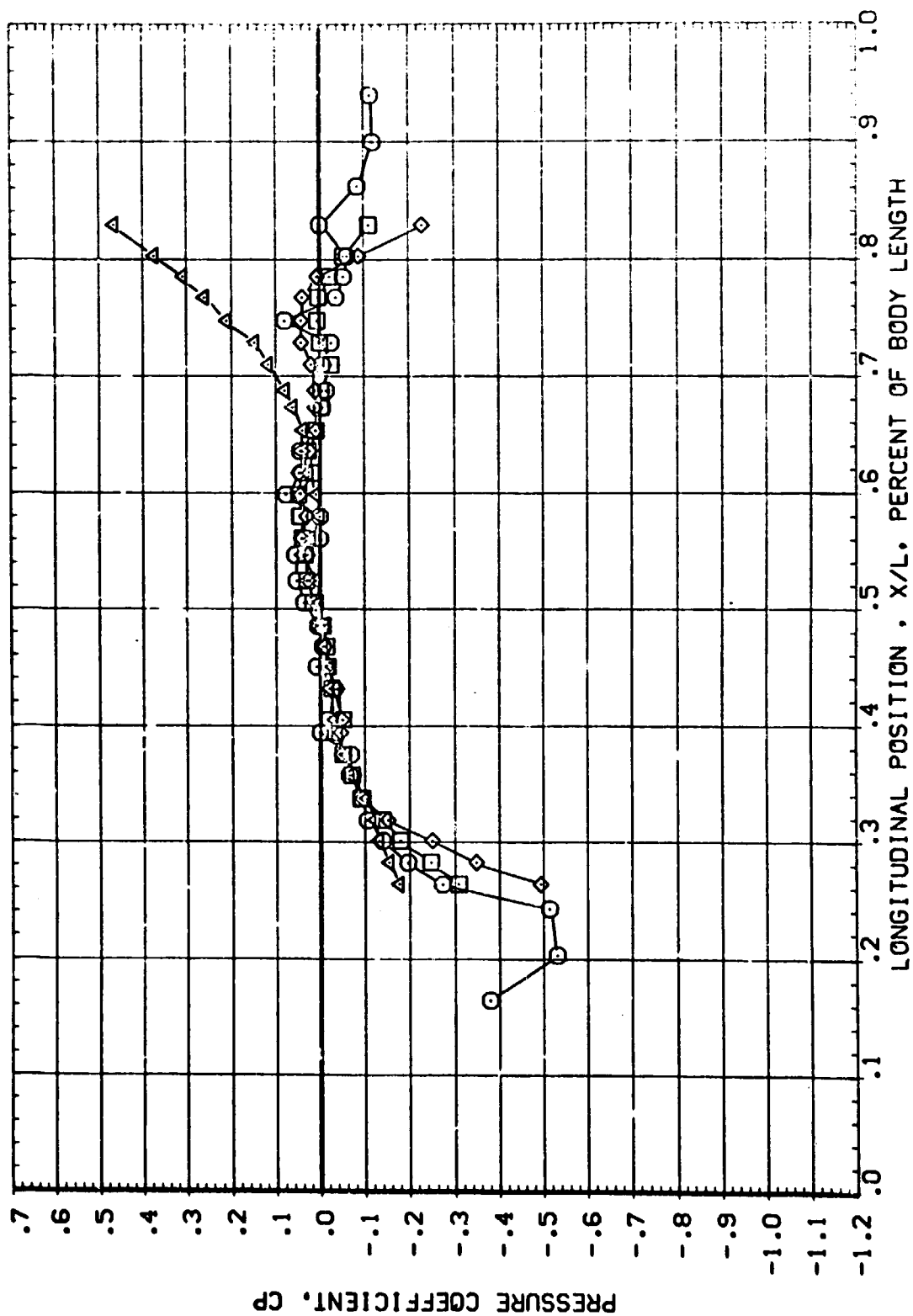
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○	90.000	8.229	.600	.000	ELEVTR
□	100.000			.000	RUDER
◇	110.000			3.500	
△	120.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	P _{HI}	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RLOOR	
○	90.000	-8.432	.751	.000	.000	.000	
□	100.000			.000			
◇	110.000			4.000			
△	180.000						

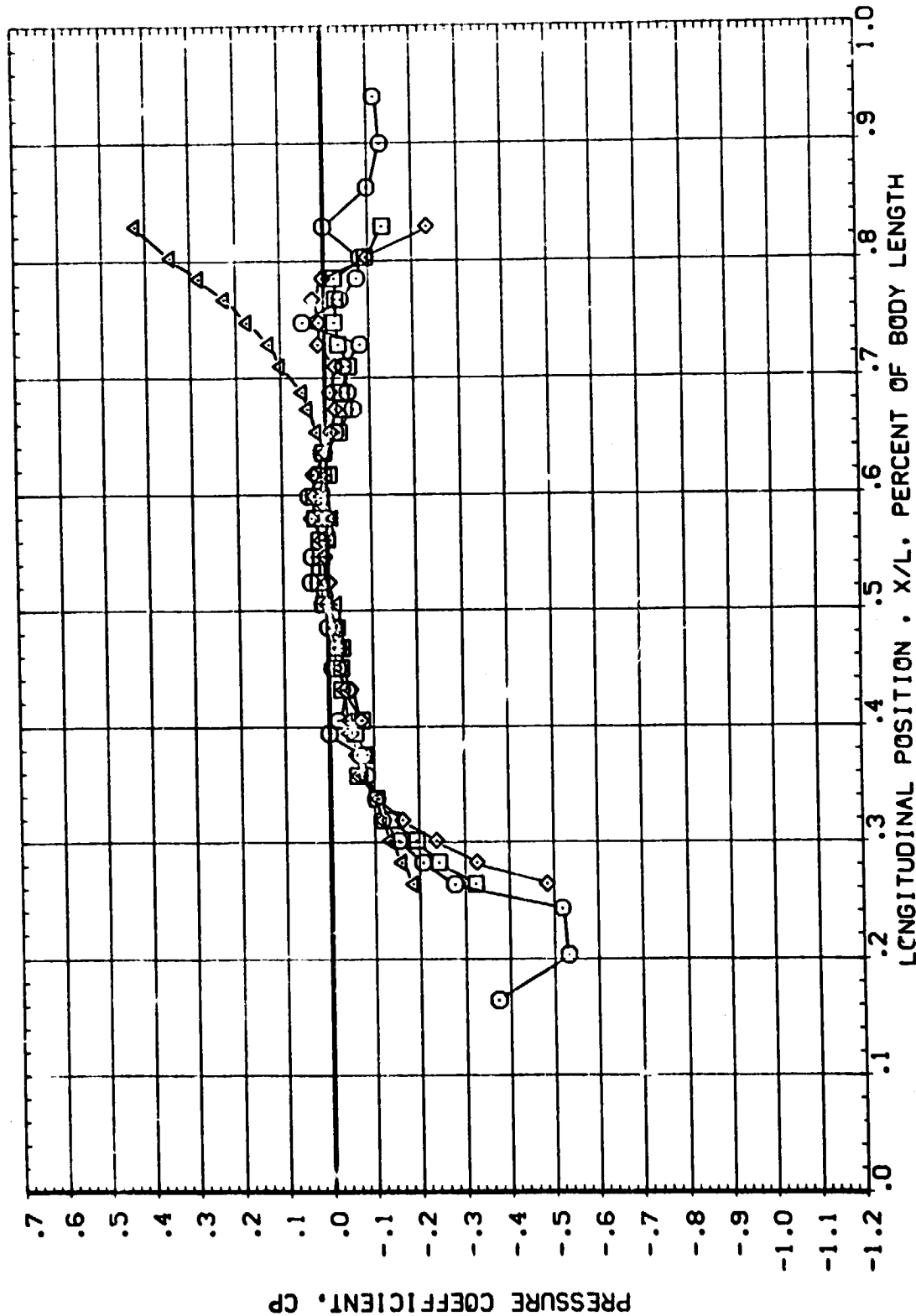


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

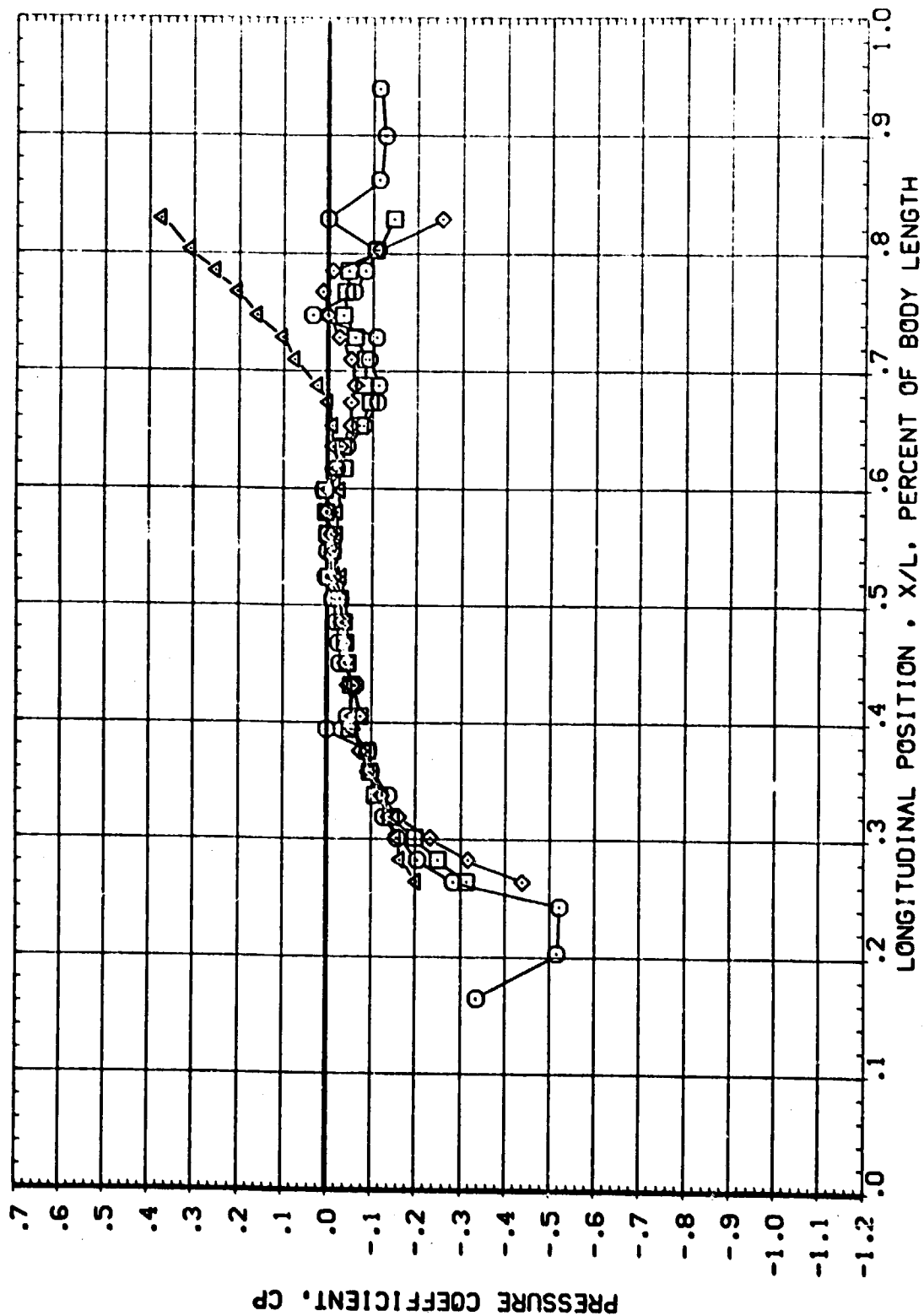
SYMBOL	PM-I	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-6.353	.751	.000	ELEVTR .000
□	100.000			.000	R-DOER .000
◇	110.000			4.000	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

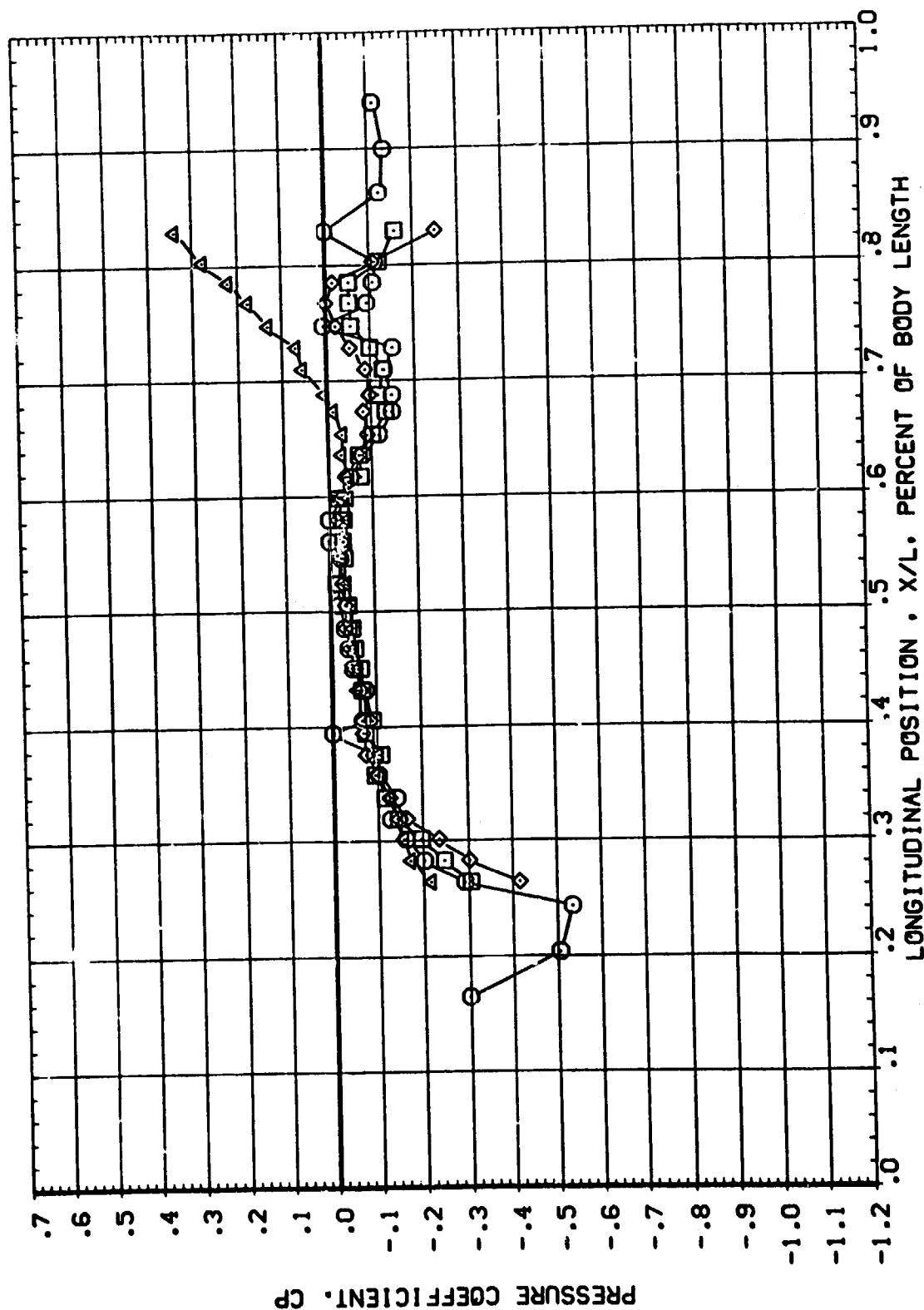
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○	90.000	-4.245	.750	BETA	.000	ELEVTR	.000
□	100.000			AILRON	.000	RUDDER	.000
◇	110.000			RN/L	4.000		
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

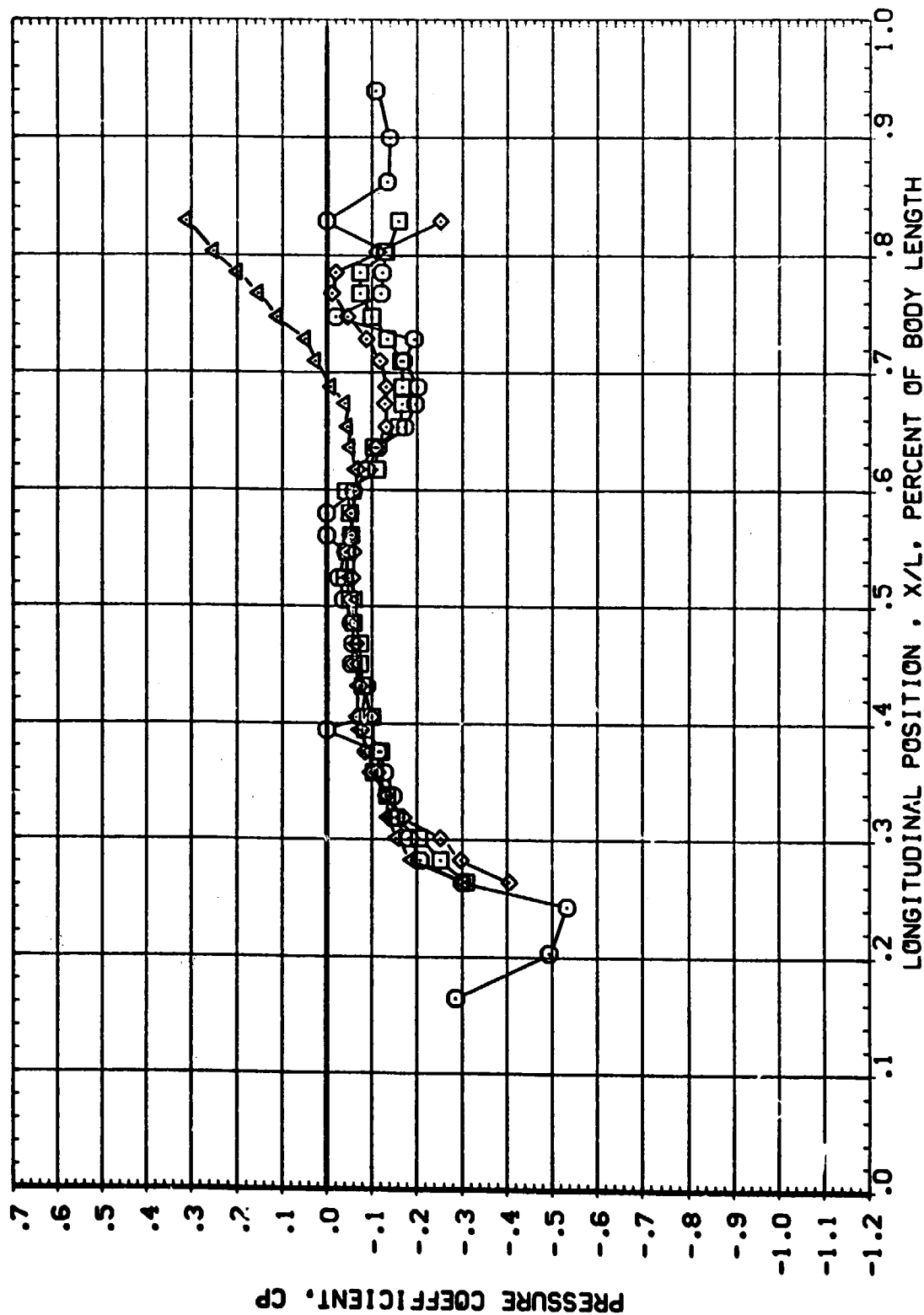
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-2.165	.751	.000	.000
□	100.000			.000	ELEVTR
◇	110.000			4.000	RUDER
△	180.000				



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

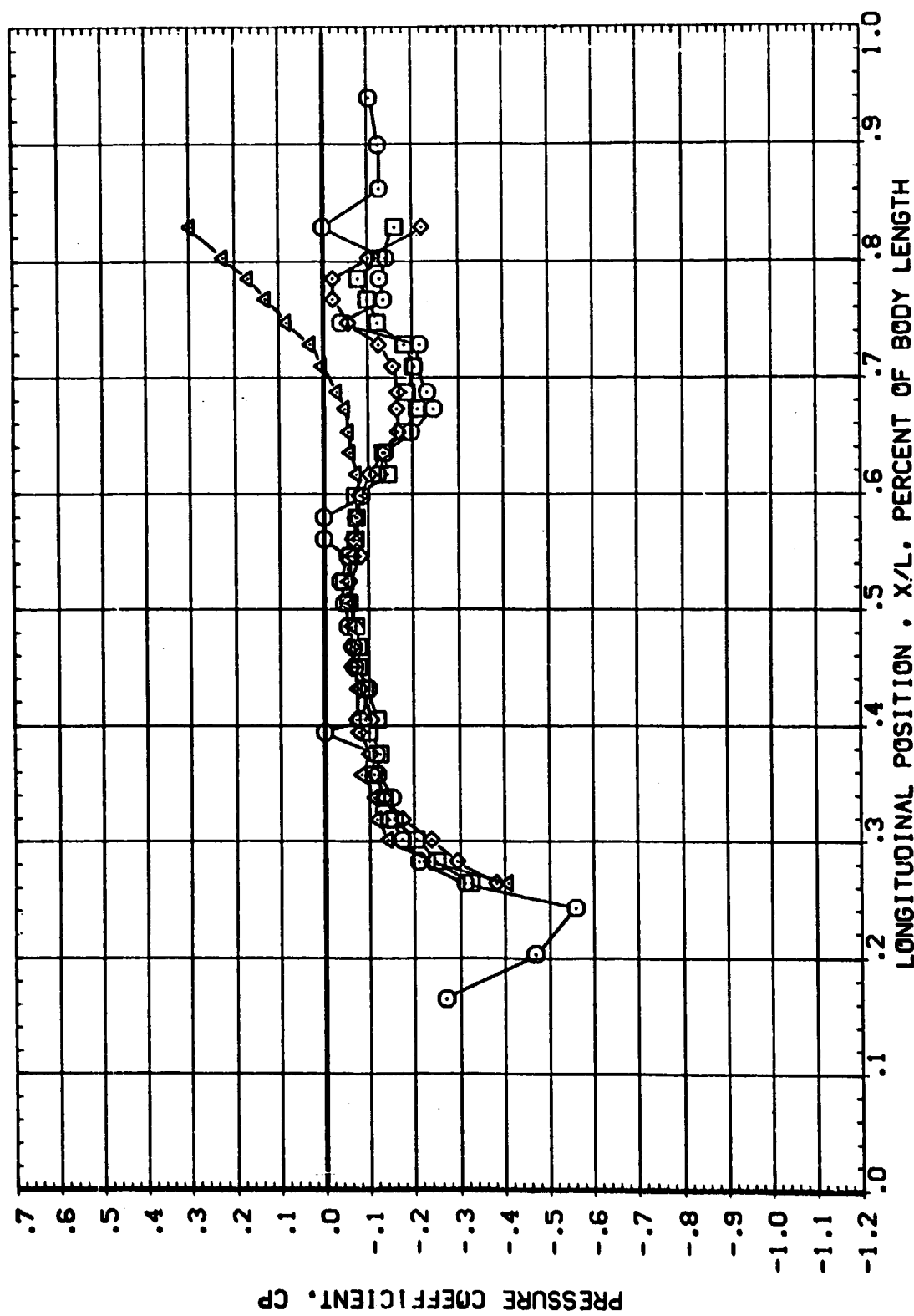
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	.000	.751	AILRON	.000 ELEVTR .000
□	100.000			RV/L	.000 RUDDER .000
◇	110.000				4.000
△	160.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

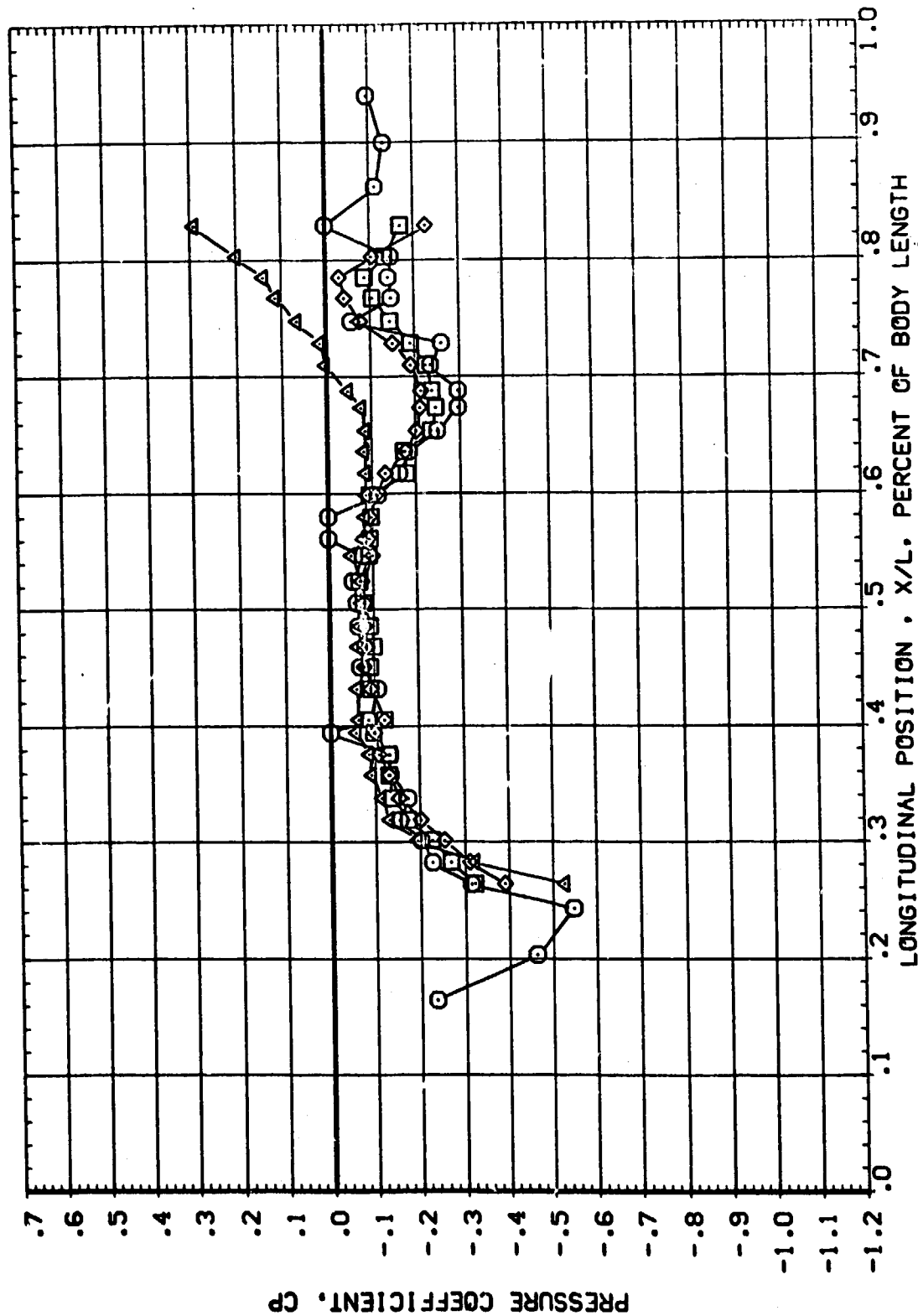
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○	90.000	2.081	.751	.000	ELEVTR .000
□	100.000			.000	RUDER .000
△	110.000			4.000	
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

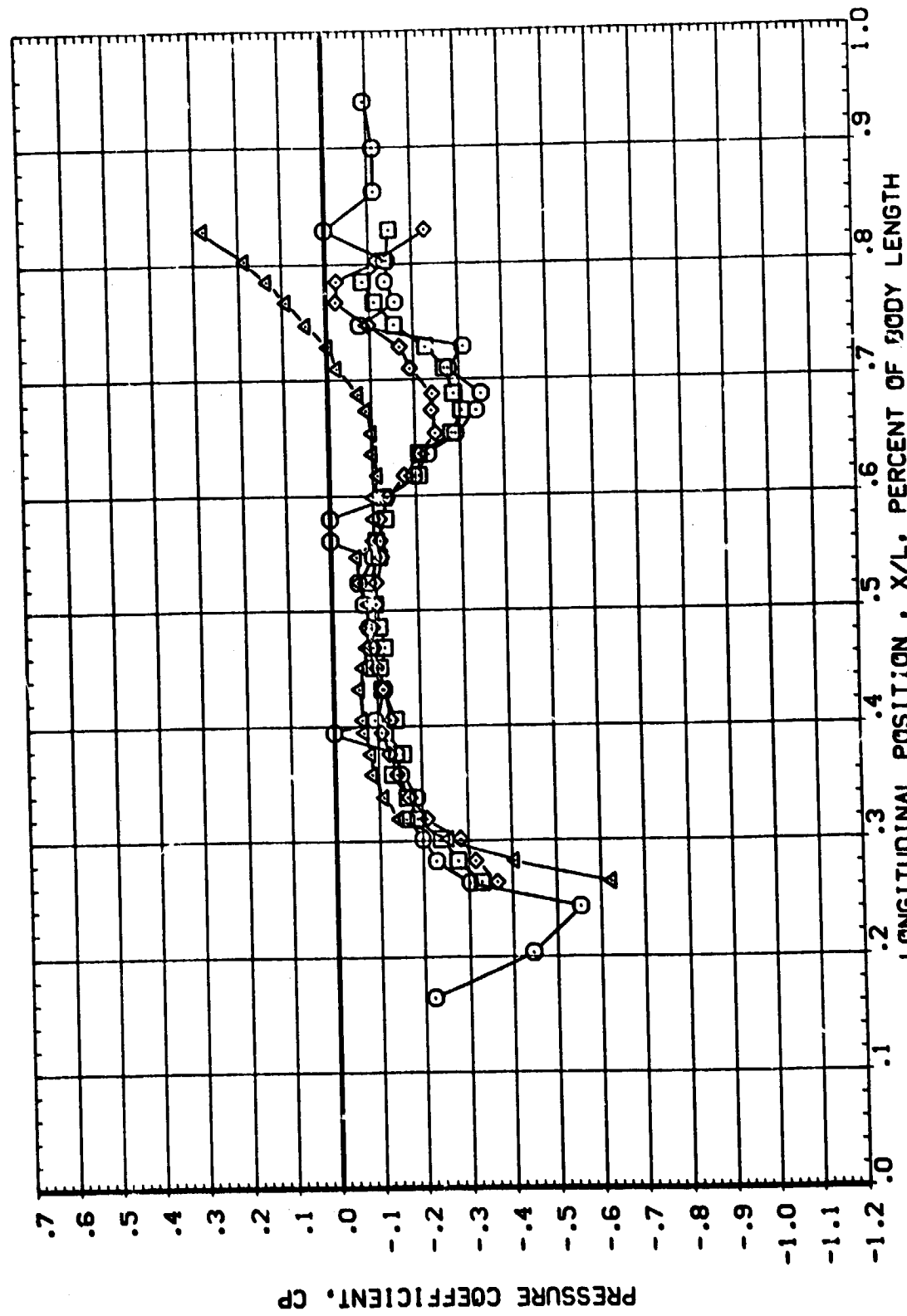
SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	4.180	.752	AILRON	.000 ELEVTR
□	100.000			RN/L	.000 RUDDER
◇	110.000				4.000
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

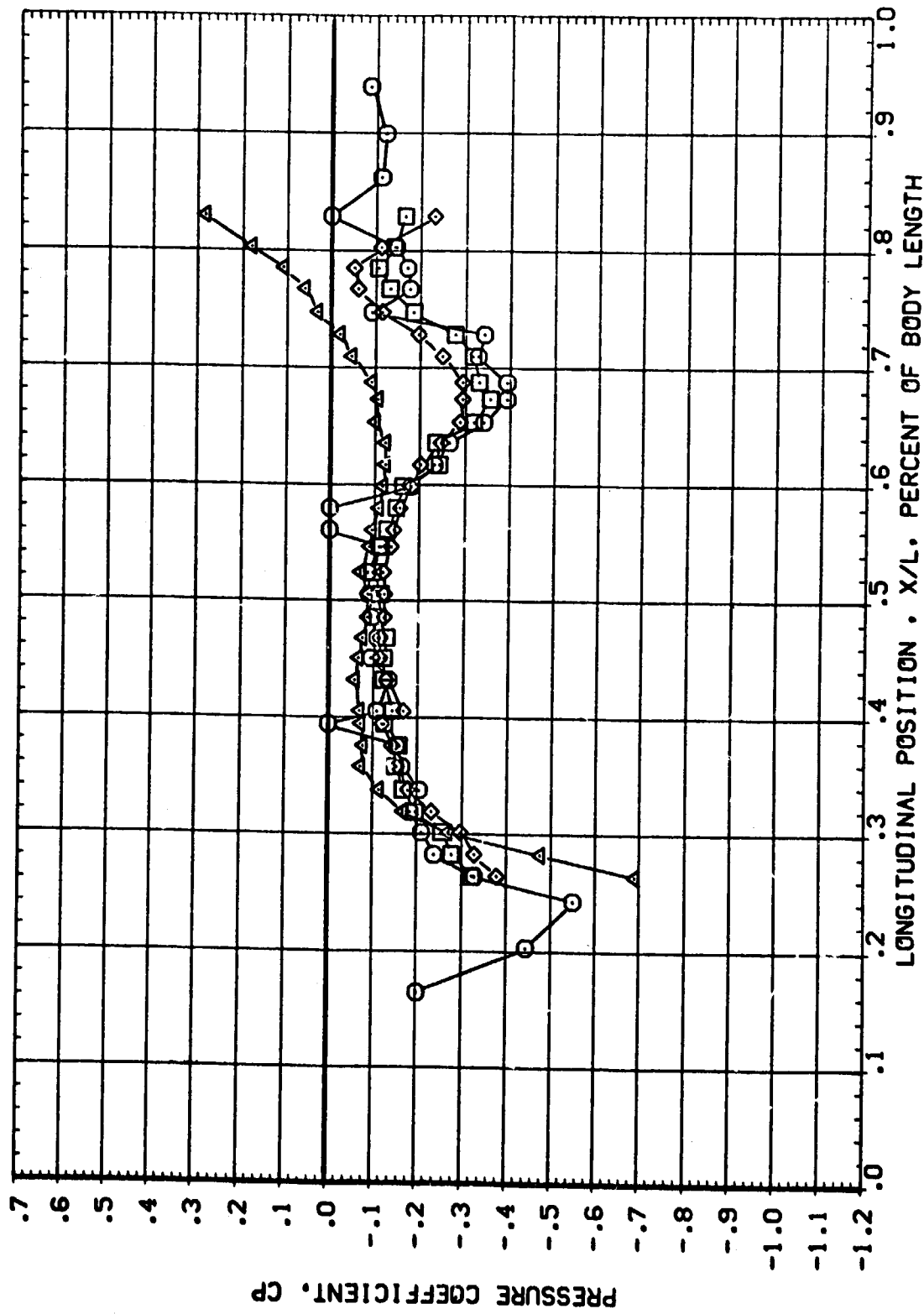
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	6.380	.752	.000	.000 ELEVTR
□	100.000			.000	.000 RUDDER
△	110.000			4.000	
◇	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

SYMBOL	PMI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
○	50.000	8.462	.752	AIRLON	.000	RLODER	.000
□	100.000			RN/L	4.000		
◇	110.000						
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

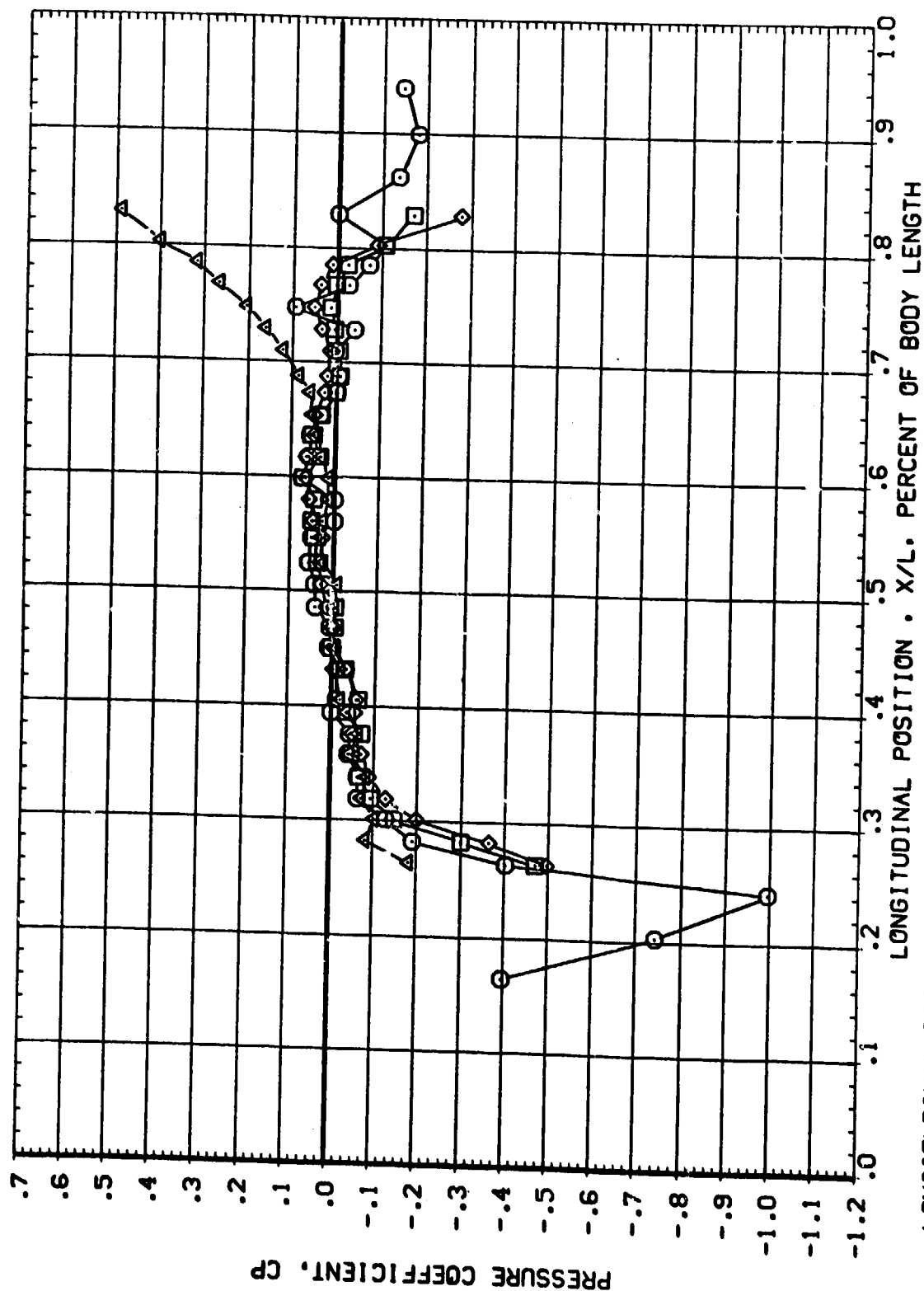
SYMBOL PH1 ALPHA MACH

90.000 -8.358 .849

100.000
110.000
180.000

PARAMETRIC VALUES
BETA .000 ELEVTR
AILRON .000 RUDDER
RN/L 4.000

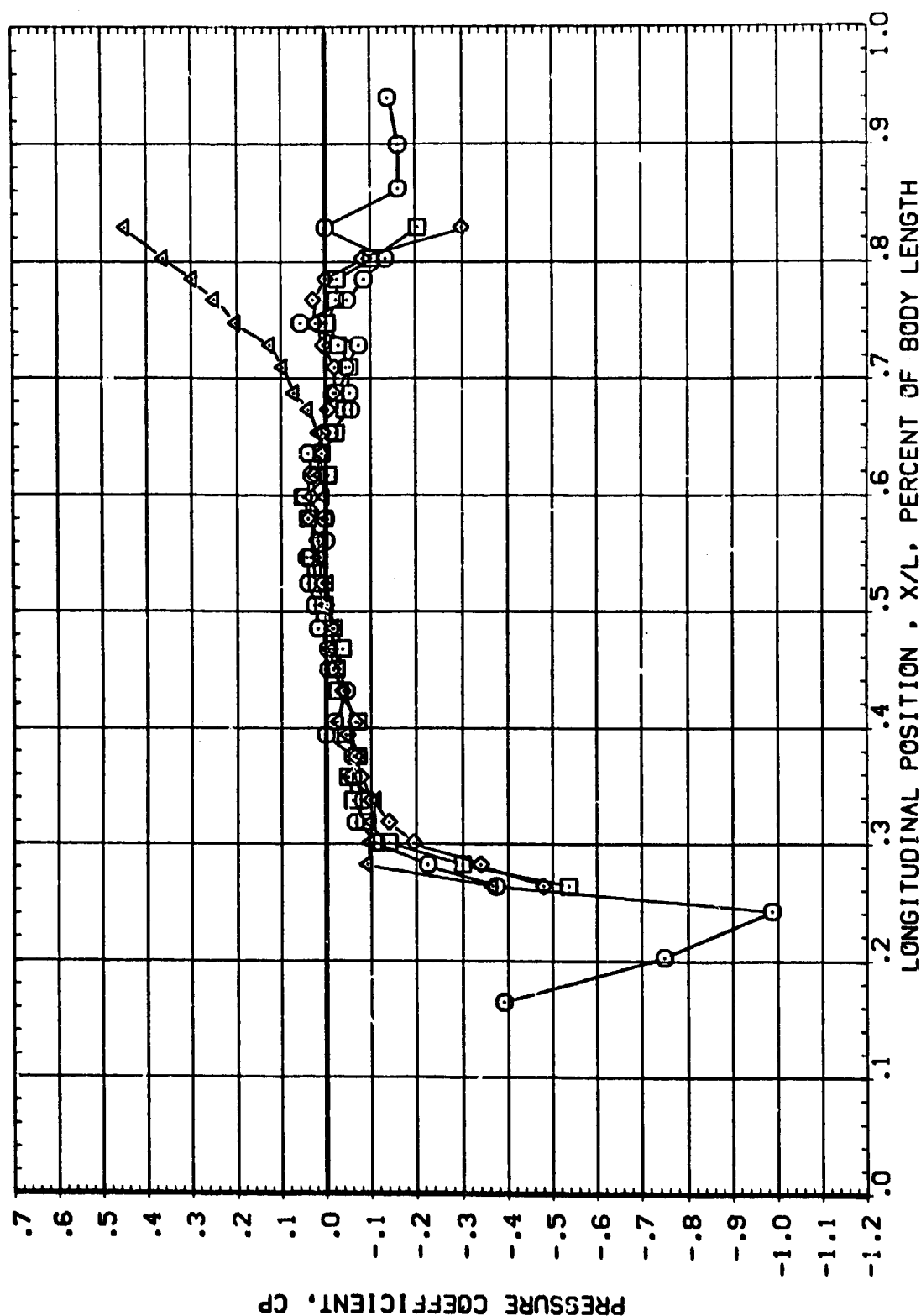
.000
.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

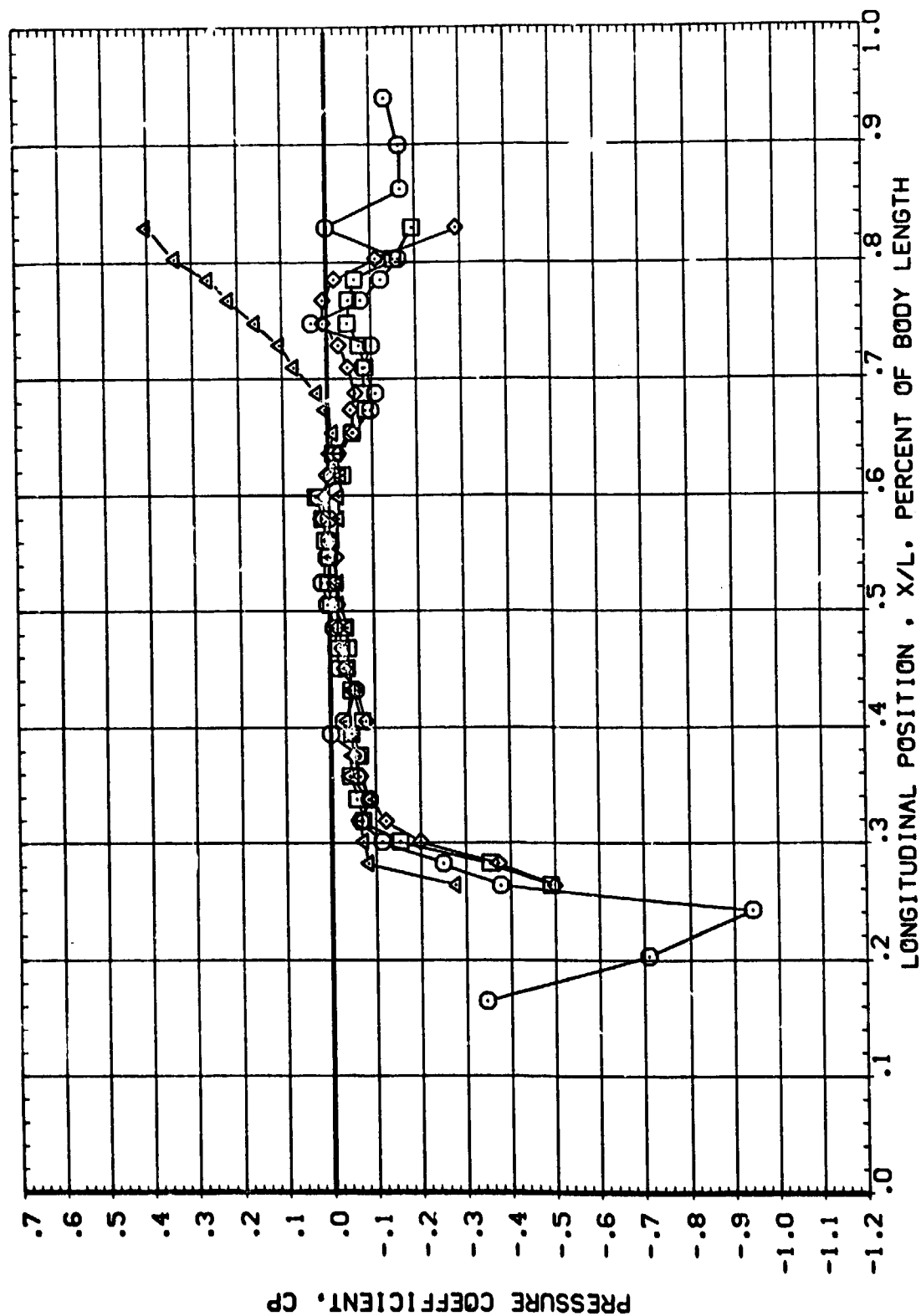
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-6.303	.849	.000	ELEVTR
□	100.000			.000	RUDDER
△	110.000			4.000	
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

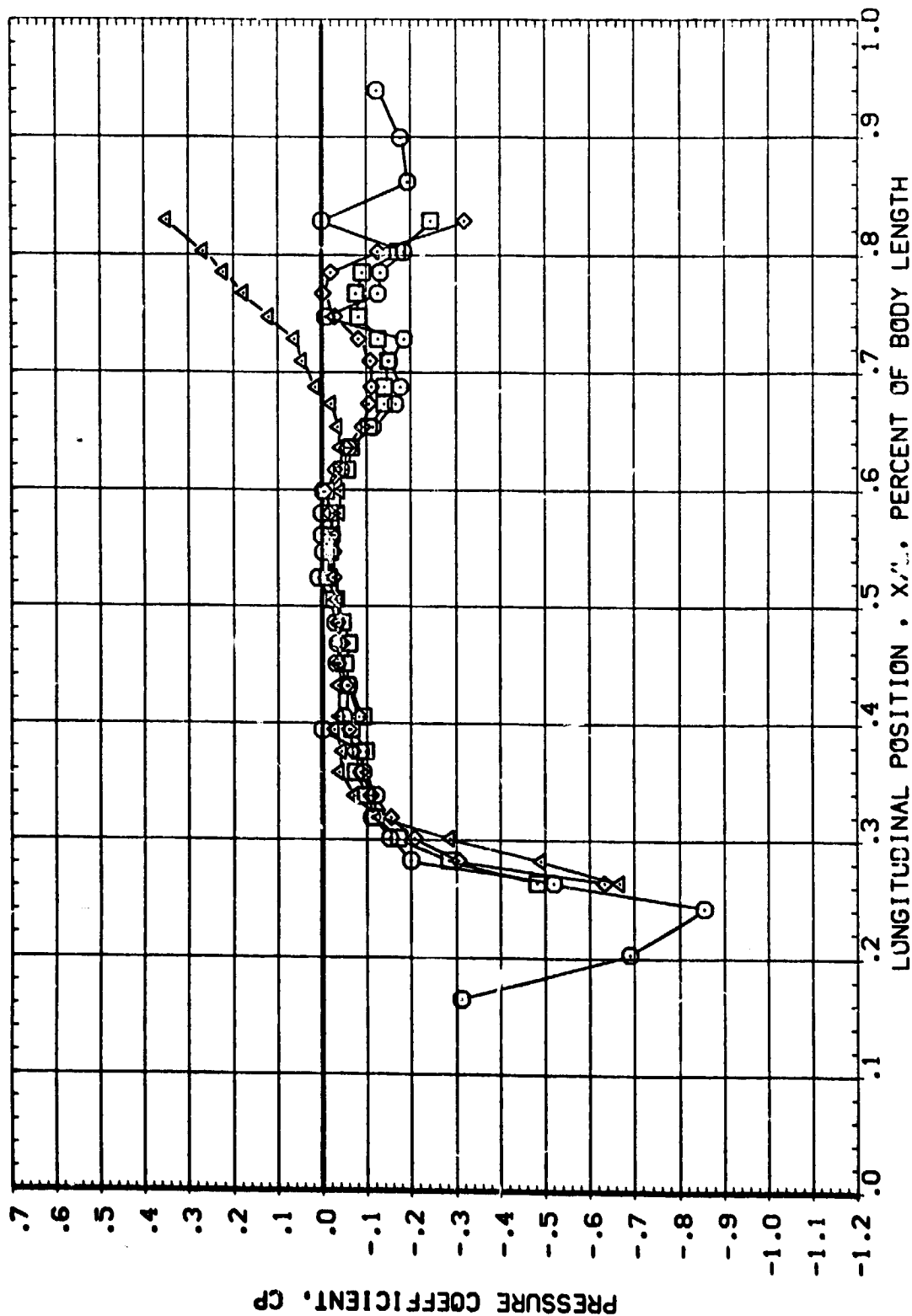
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-4.154	.852	.000	.000
□	100.000			.000	ELEVTR
◇	110.000			.000	RUDDER
△	180.000			4.000	RV/L



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PA-I	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-2.022	.849	AIIRON	.000 ELEVTR
□	100.000			RN/L	.000 RUDER
◇	110.000				4.000
△	180.000				

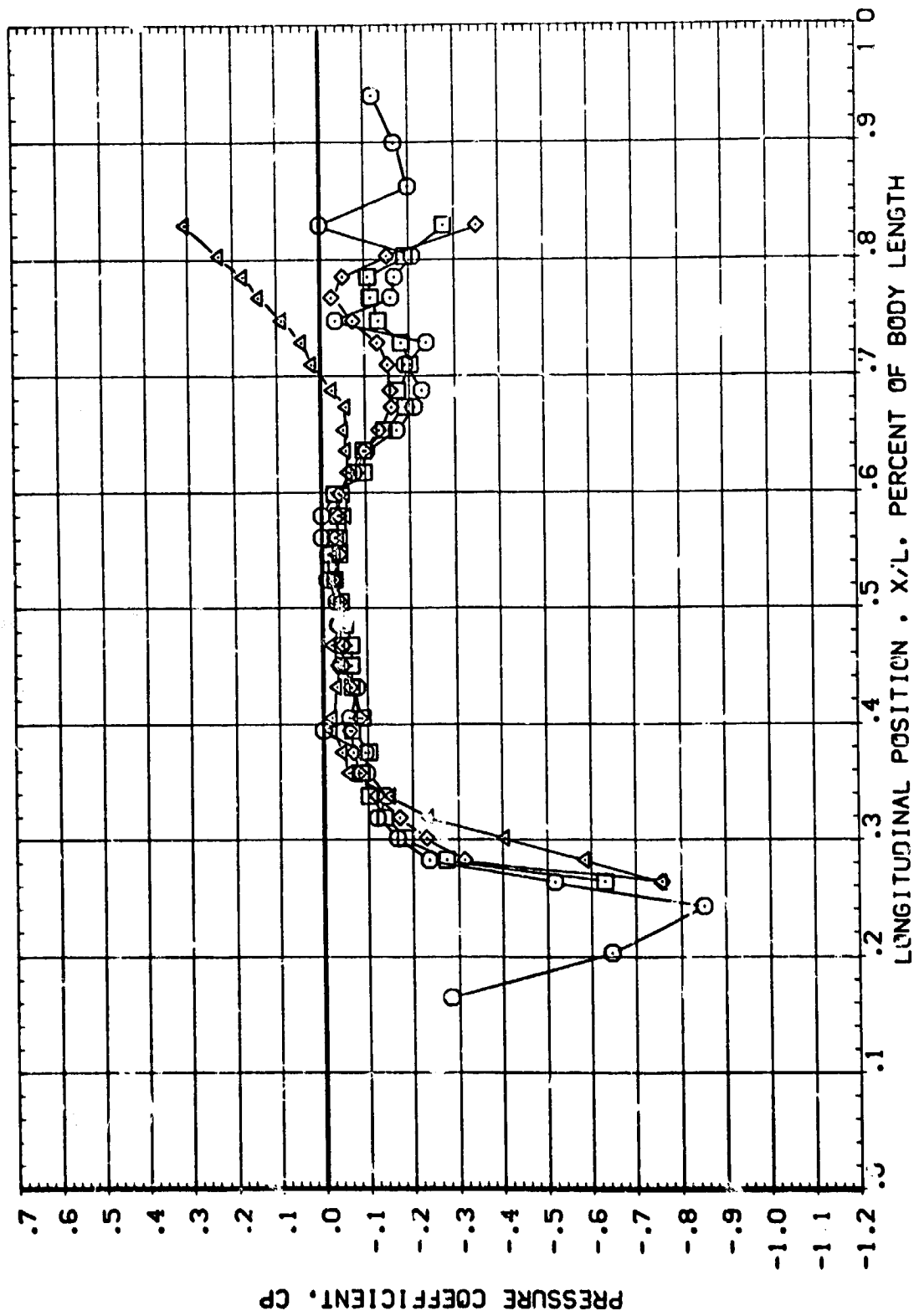


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 RN/L 4.000

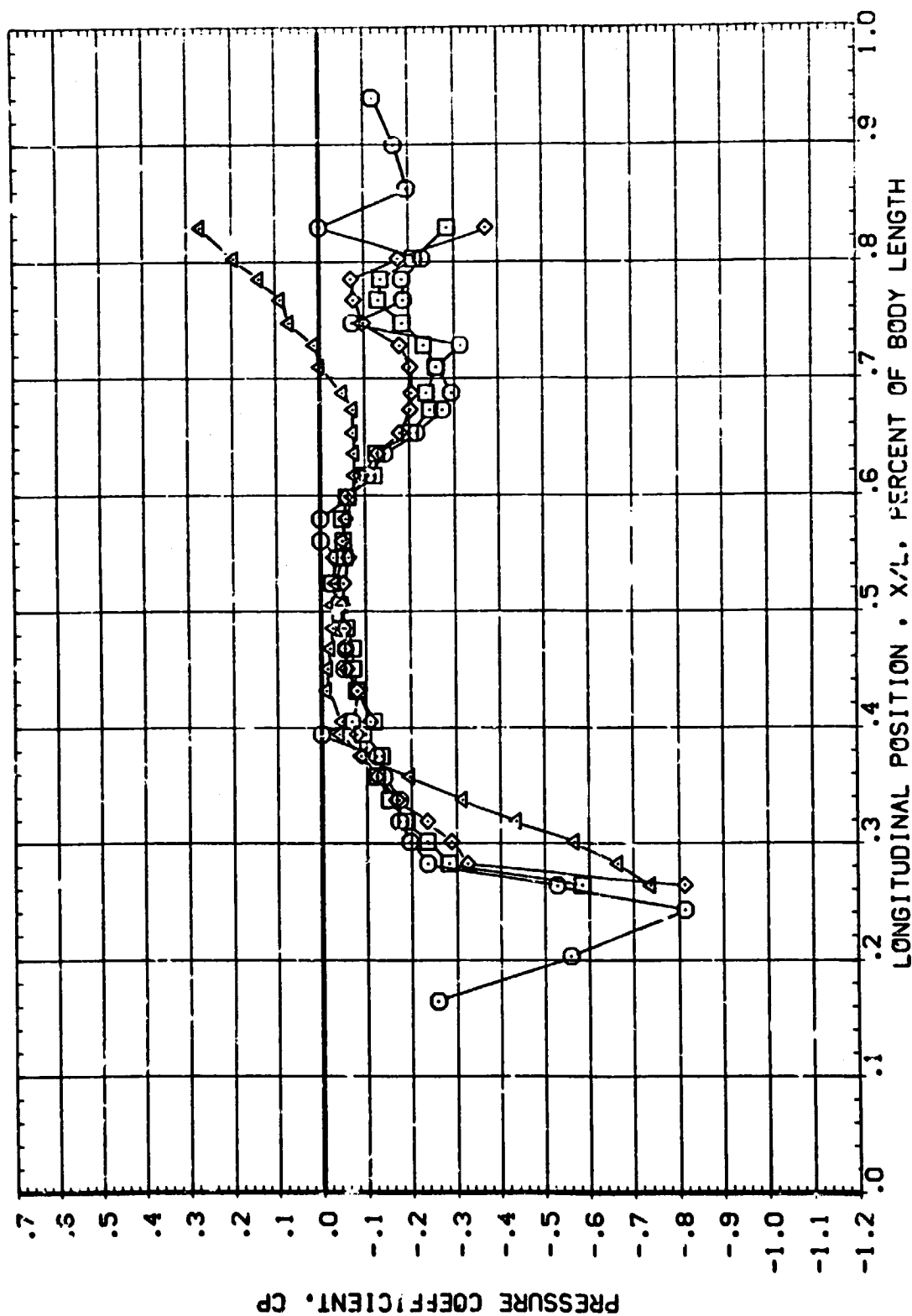
PHI 90.000
 ALPHA .065
 MACH .85
 100.000
 110.000
 120.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

APES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

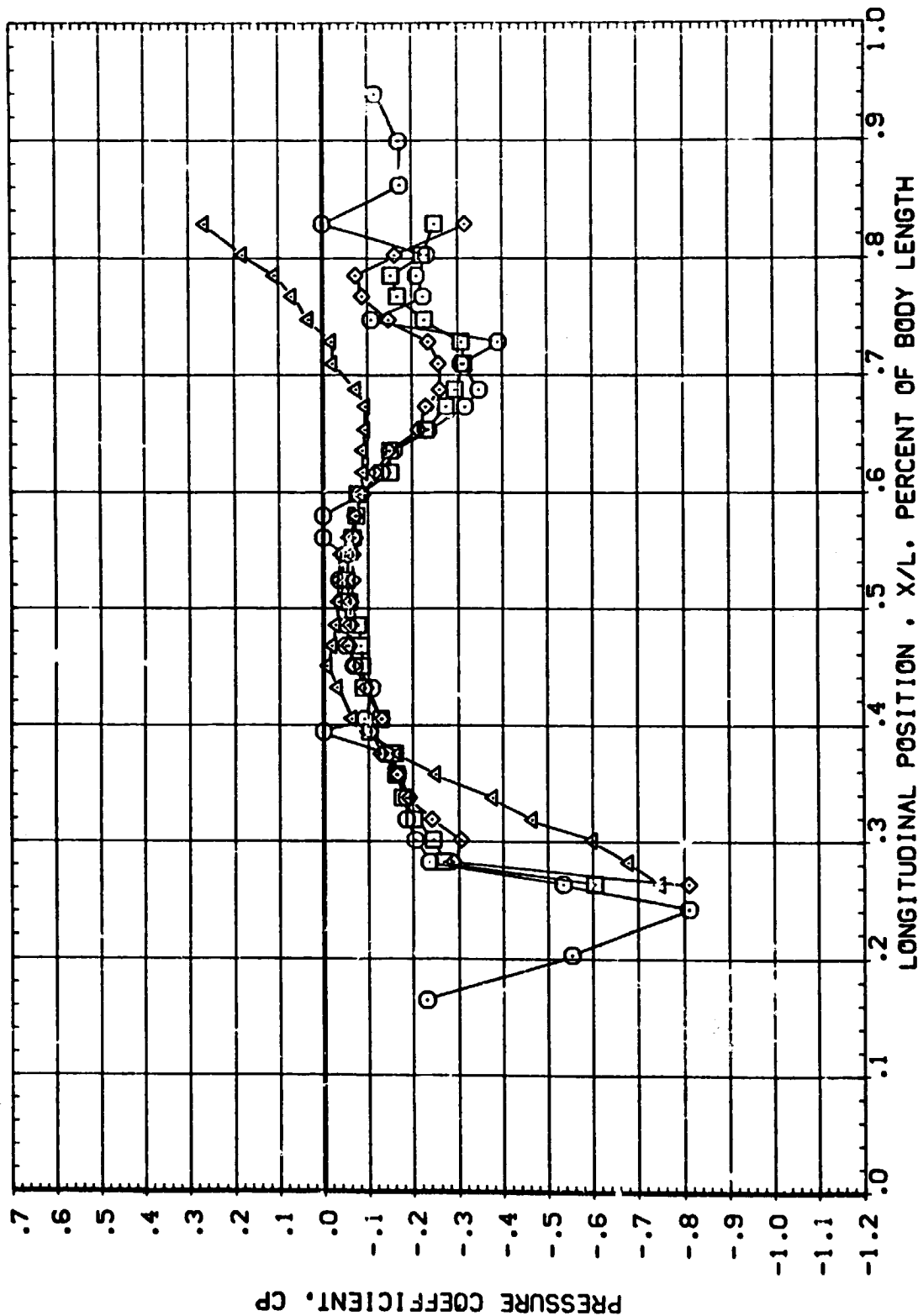
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	2.317	.852	.000	ELEVTR .000
□	100.000			.000	RUDER .000
△	110.000			4.000	RN/L
◇	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES		
○	90.000	4.337	.849	BETA	.000	ELEVTR
□	100.000			AILRON	.000	RUDDER
◇	110.000			RN/L	4.000	
△	180.000					



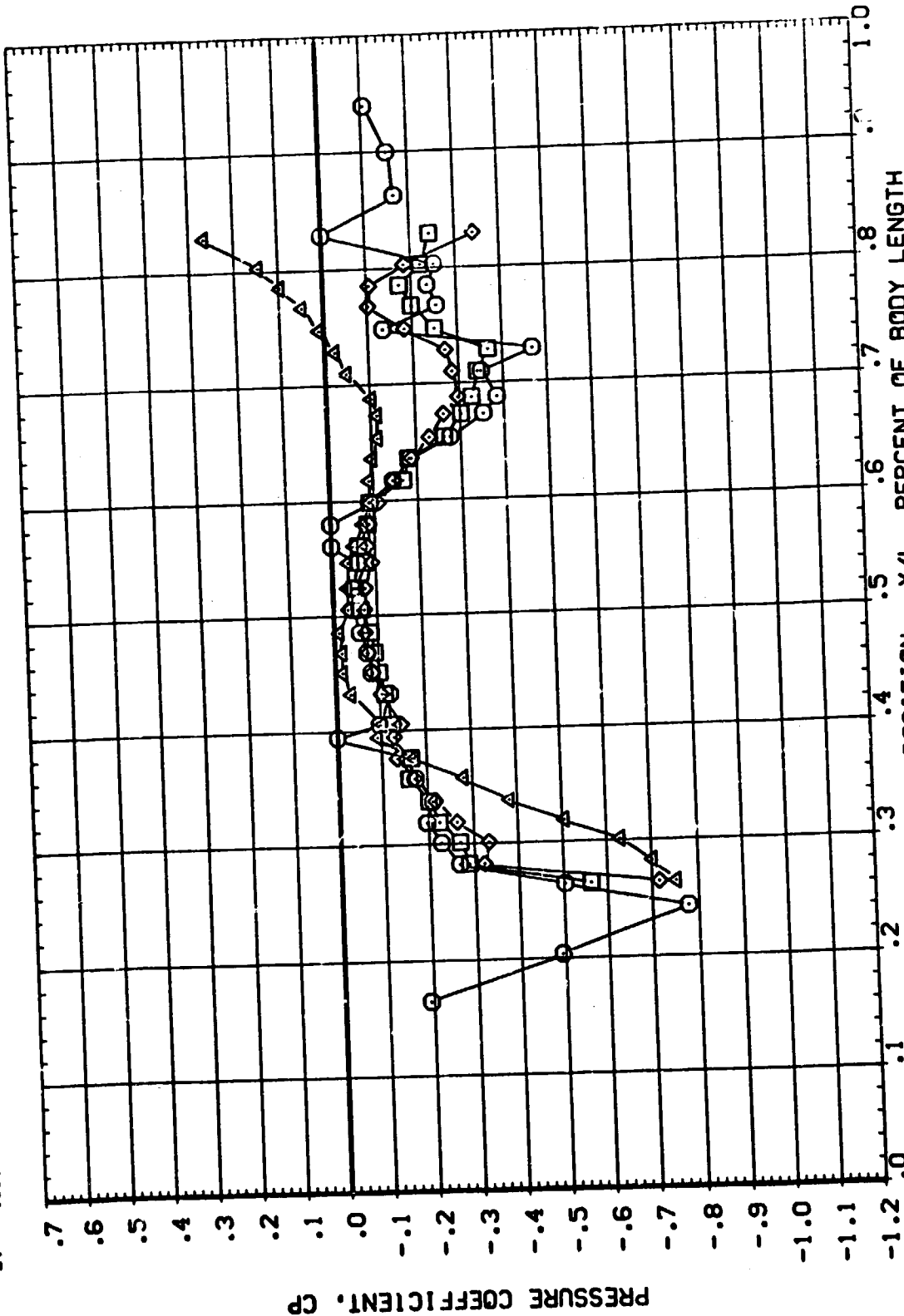
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL
 ○ 90.000
 □ 100.000
 ◇ 110.000
 △ 180.000

ALPHA 6.533
 MACH .852

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RV/L 4.000
 ELEVTR .000
 RUDDER .000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

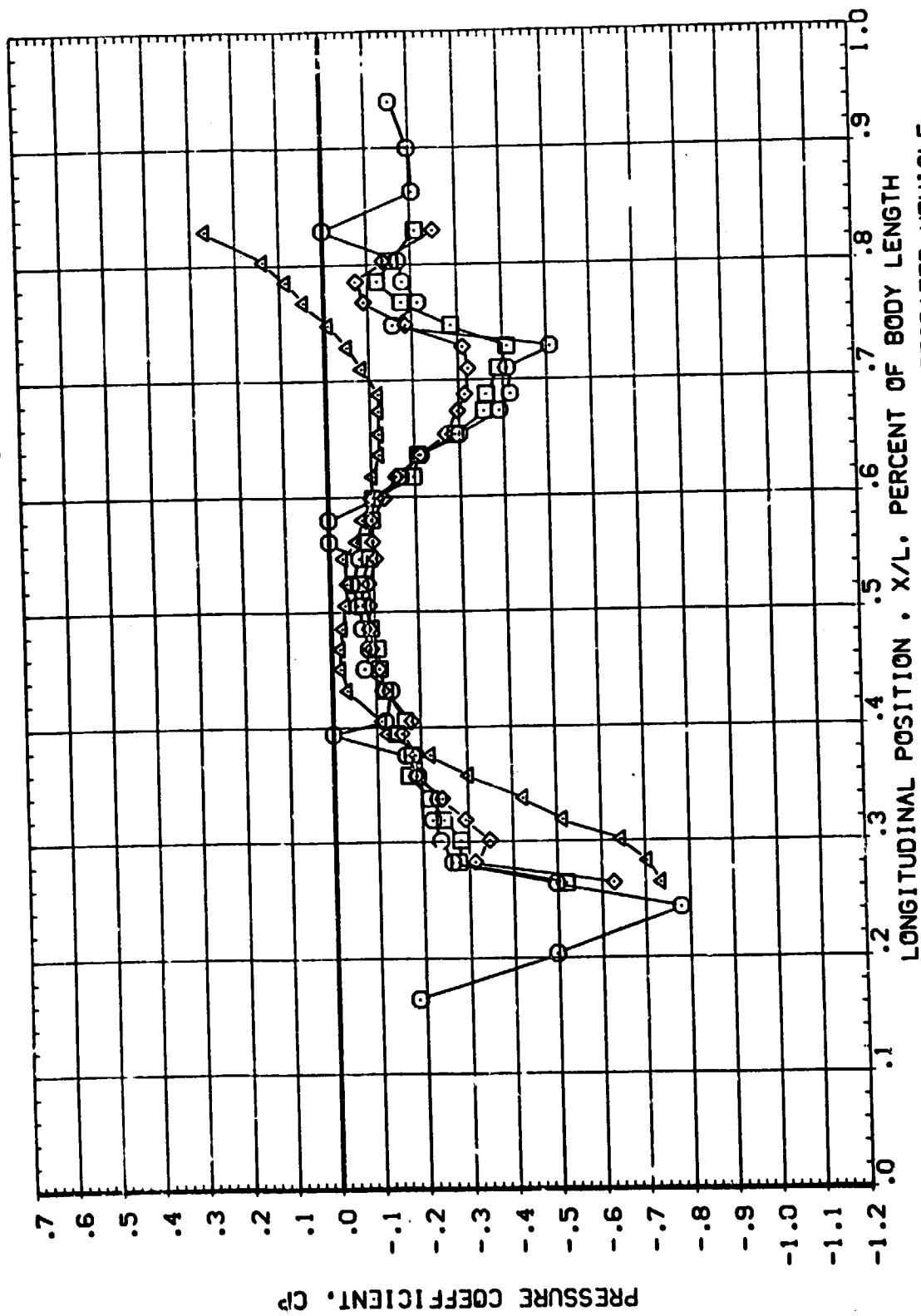


AMES 66-S30 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL
□ 90.000
◇ 100.000
△ 110.000
△ 120.000

ALPHA 8.635
MACH .851

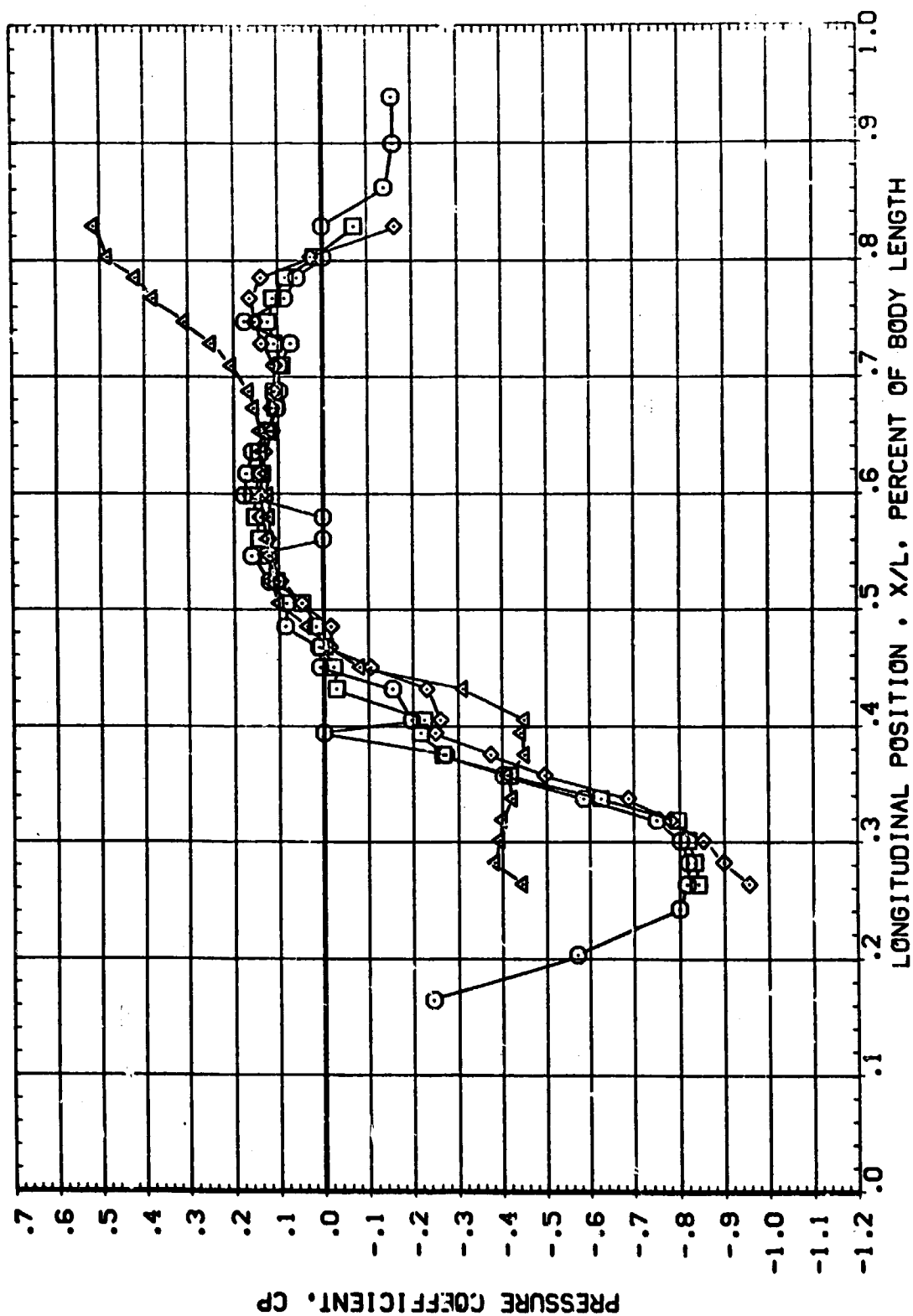
PARAMETRIC VALUES
BETA .000
AILRON .000
RNL 4.000
ELEVTR .000
RUDDER .000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-8.346	.950	.000	.000
□	100.000			.000	ELEVTR
◇	110.000			.000	RUDER
△	190.000			4.000	



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

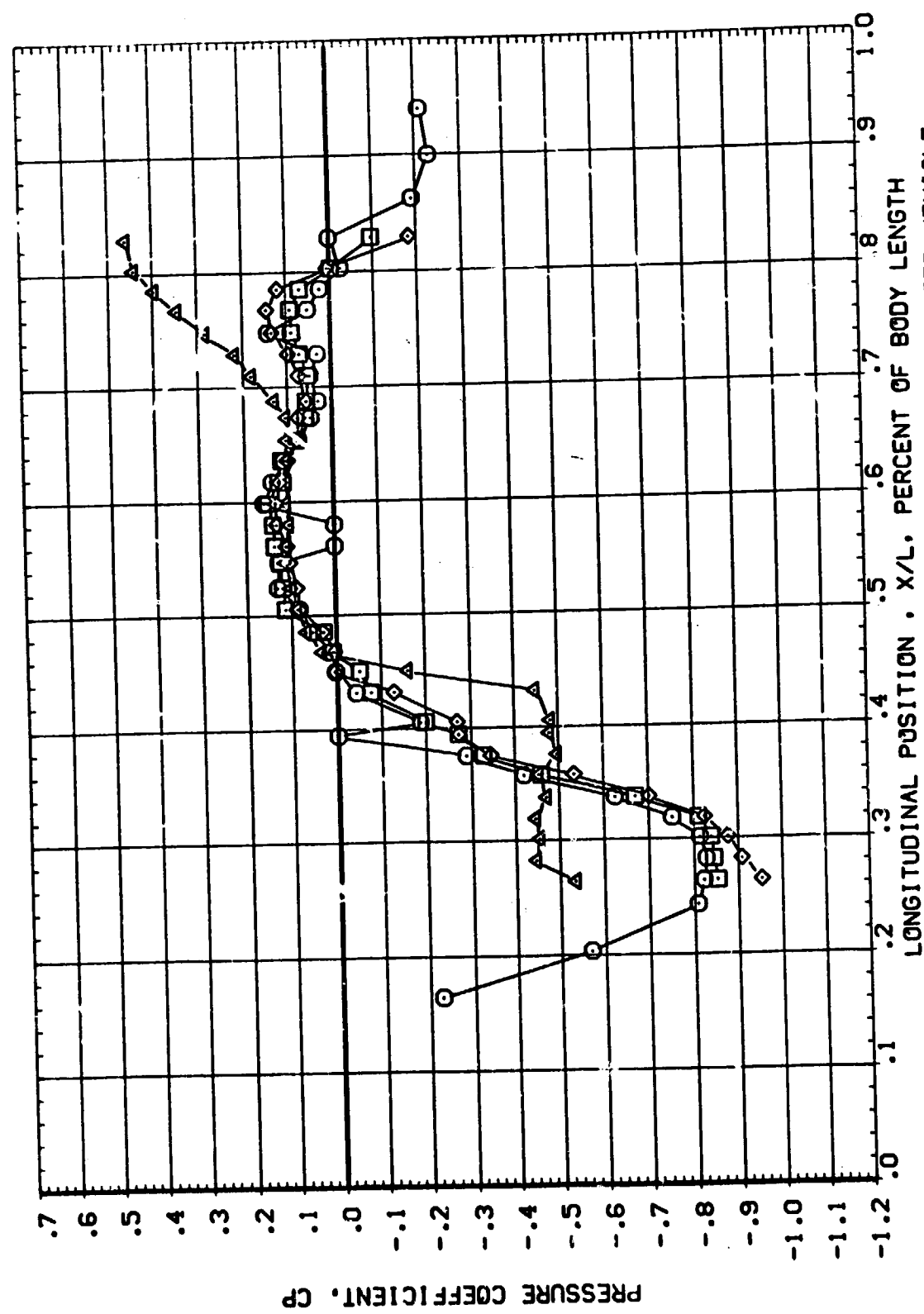


AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PARAMETRIC VALUES	
	BETA	ELEVTR
○	.000	.000
□	.000	.000
△	4.000	.000

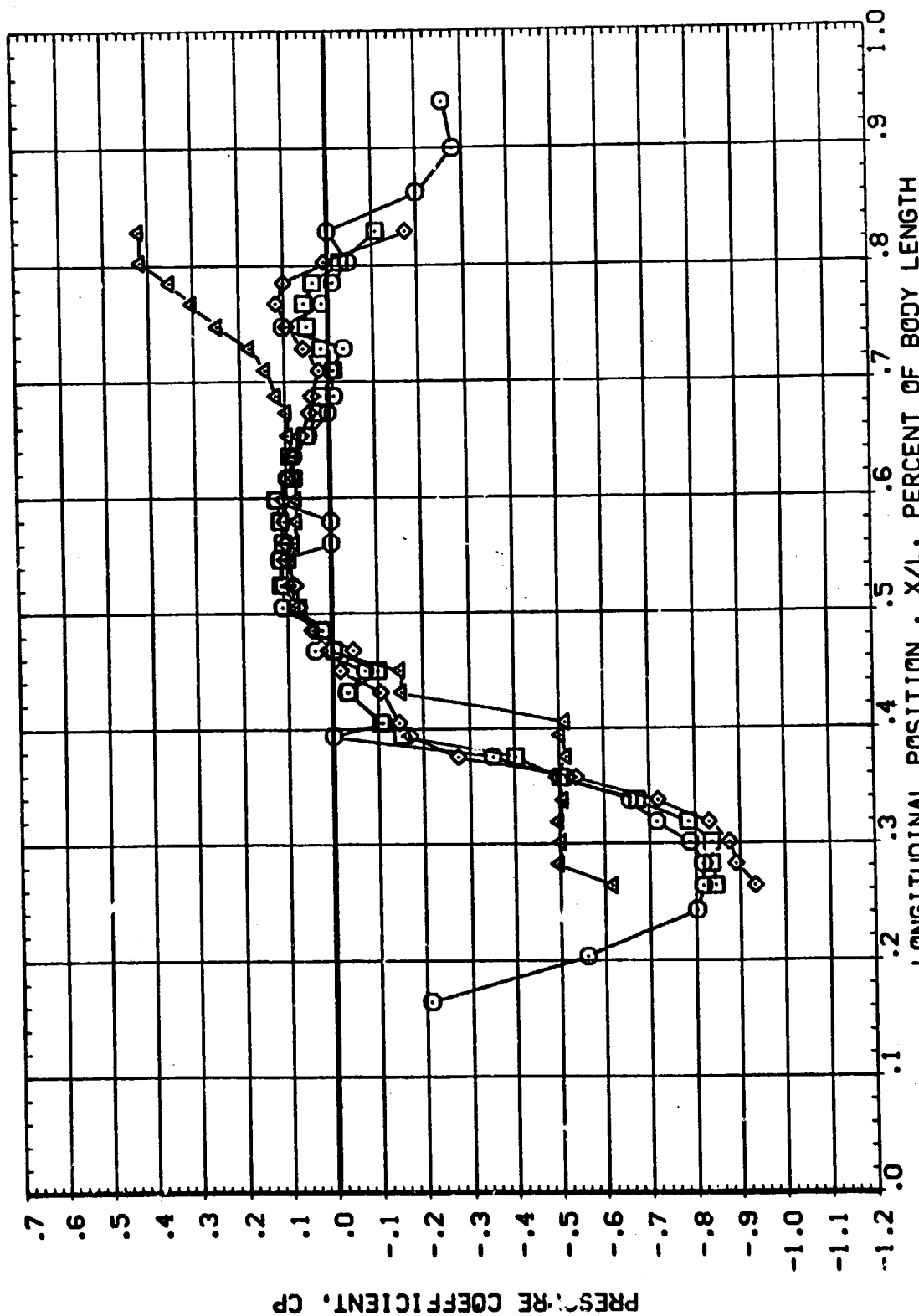
PARAMETRIC VALUES	
ALPHA	MACH
-6.182	.949

PARAMETRIC VALUES	
AILRON	RN/L
.000	4.000



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

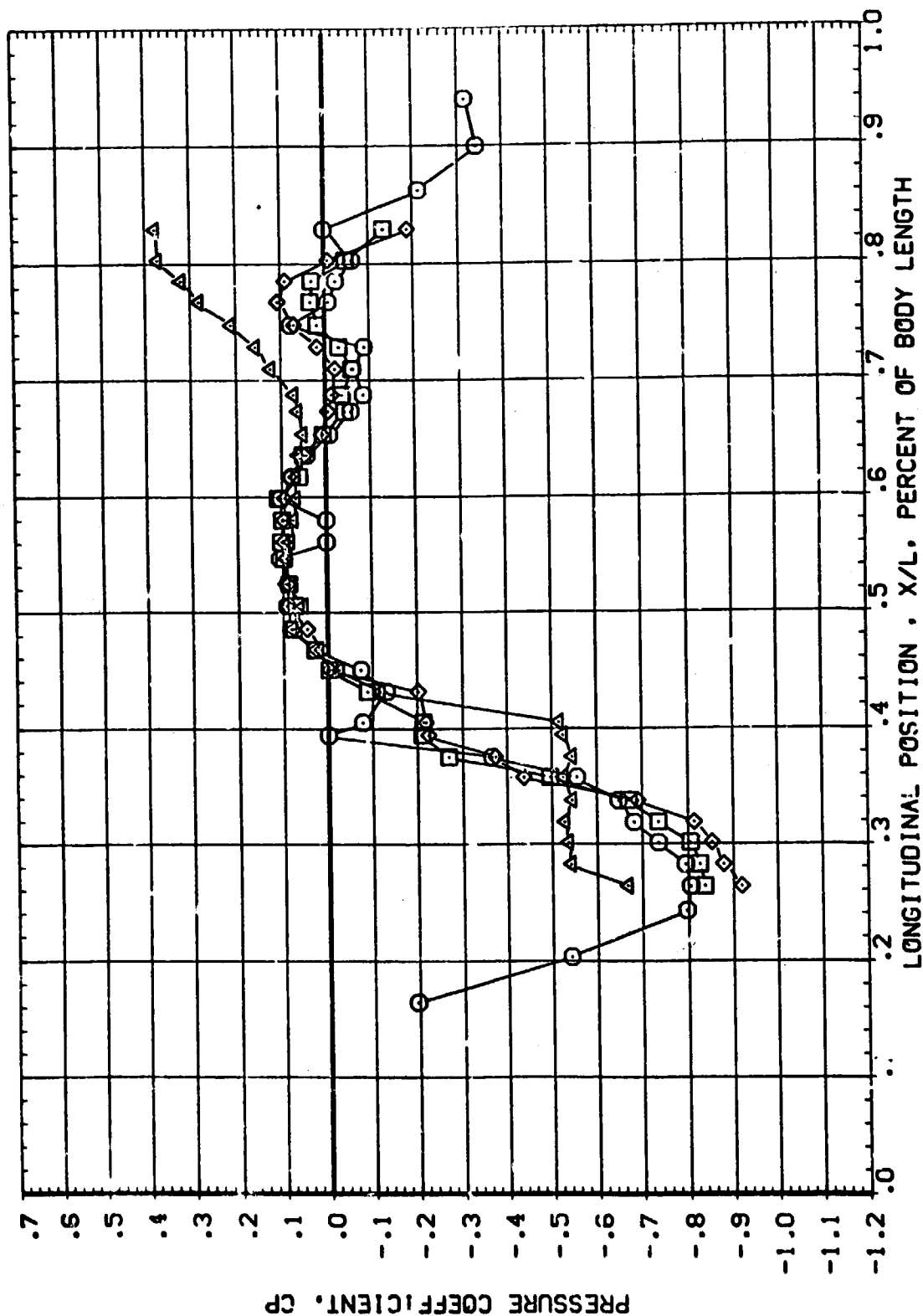
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	90.000	-4.099	.951	.000	.000
◇	100.000			.000	ELEVTR
△	110.000			4.000	RUDDER
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

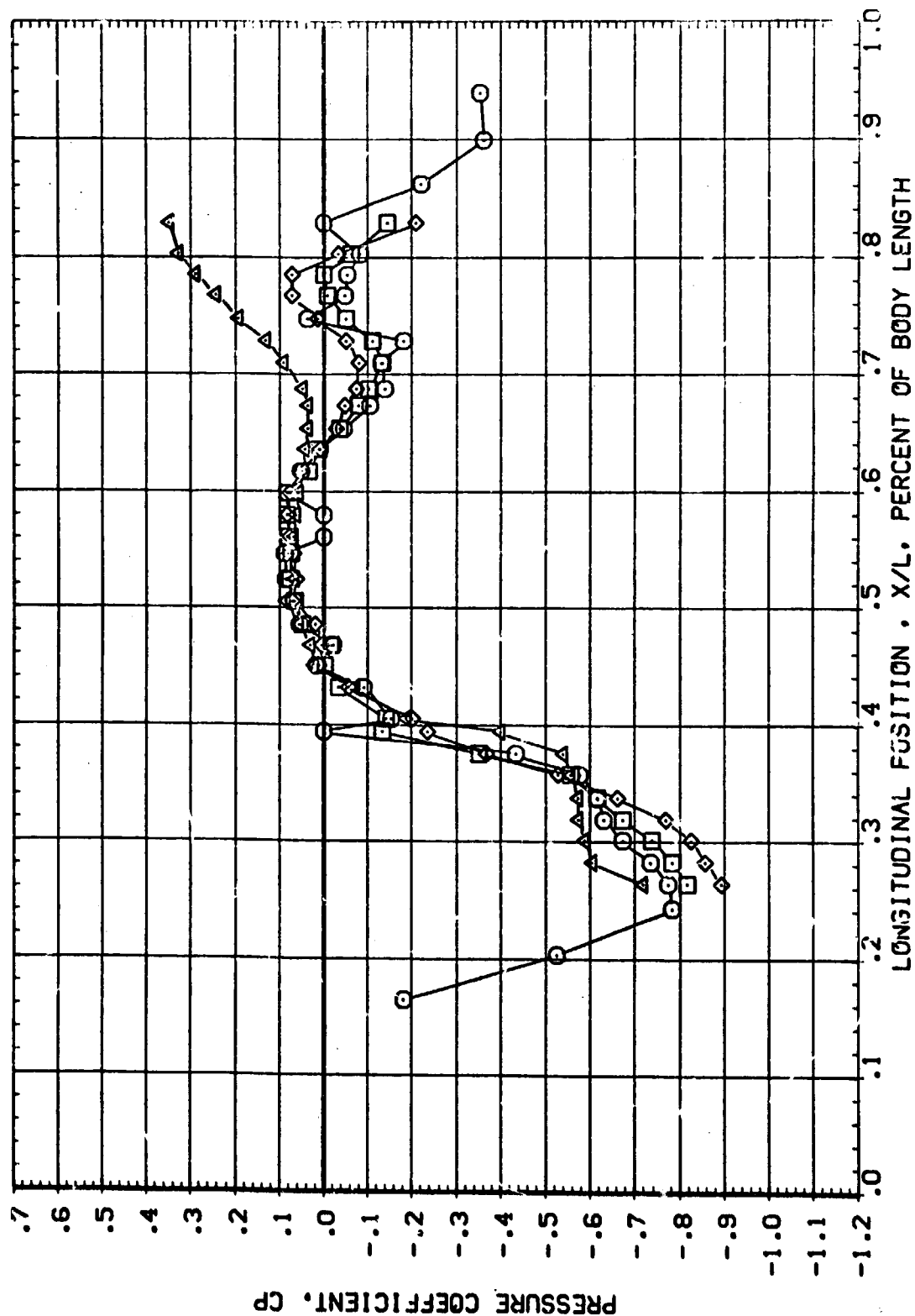
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-1.966	.951	ALLRON	.000 ELEVTR
□	100.000			RN/L	.000 RUDDER
◇	110.000				4.000
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

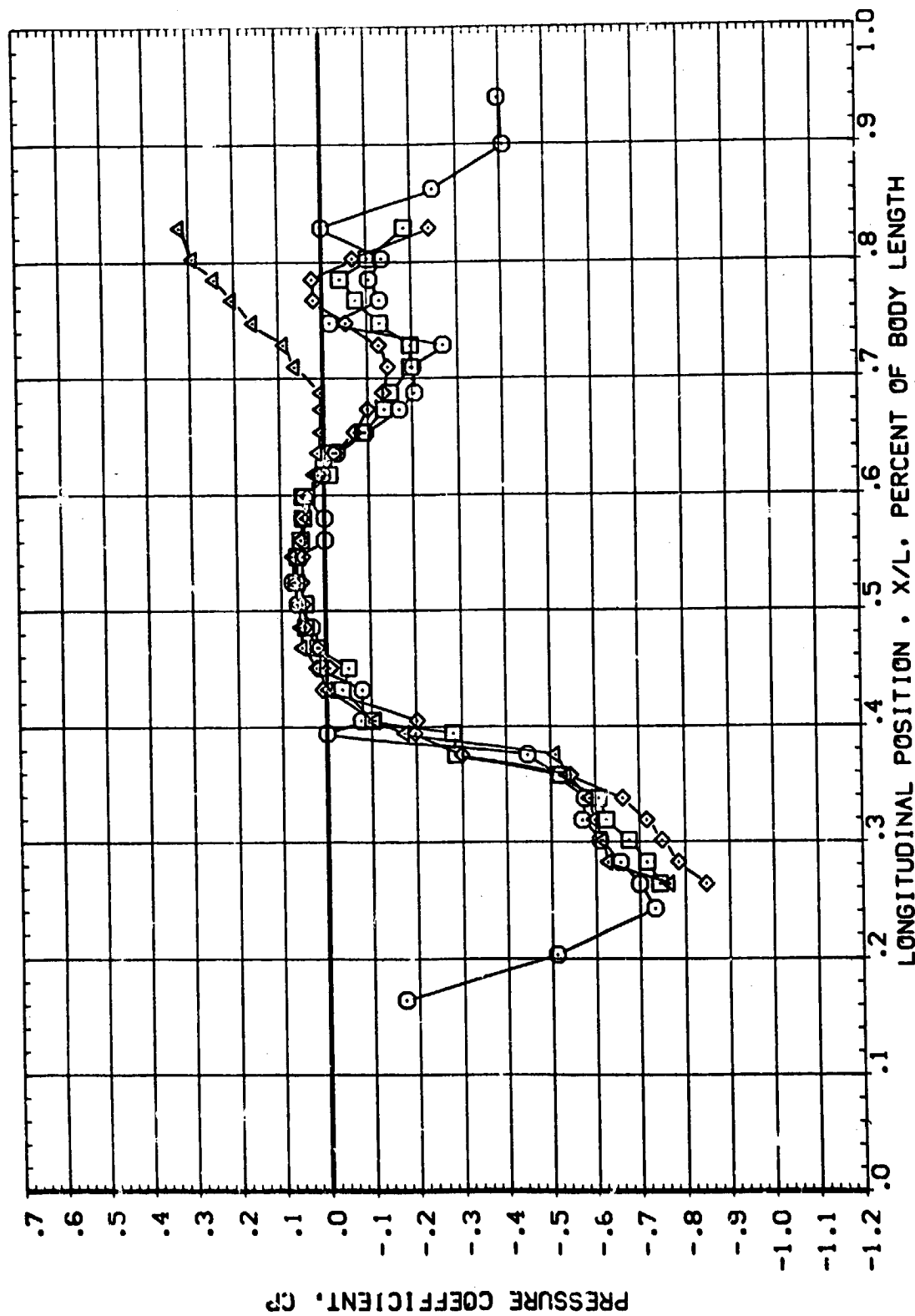
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
○	90.000	.143	.950	BETA	.000	ELEVTR	.000
□	100.000			AILRON	.000	RUDER	.000
◇	110.000			RV/L	4.000		
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

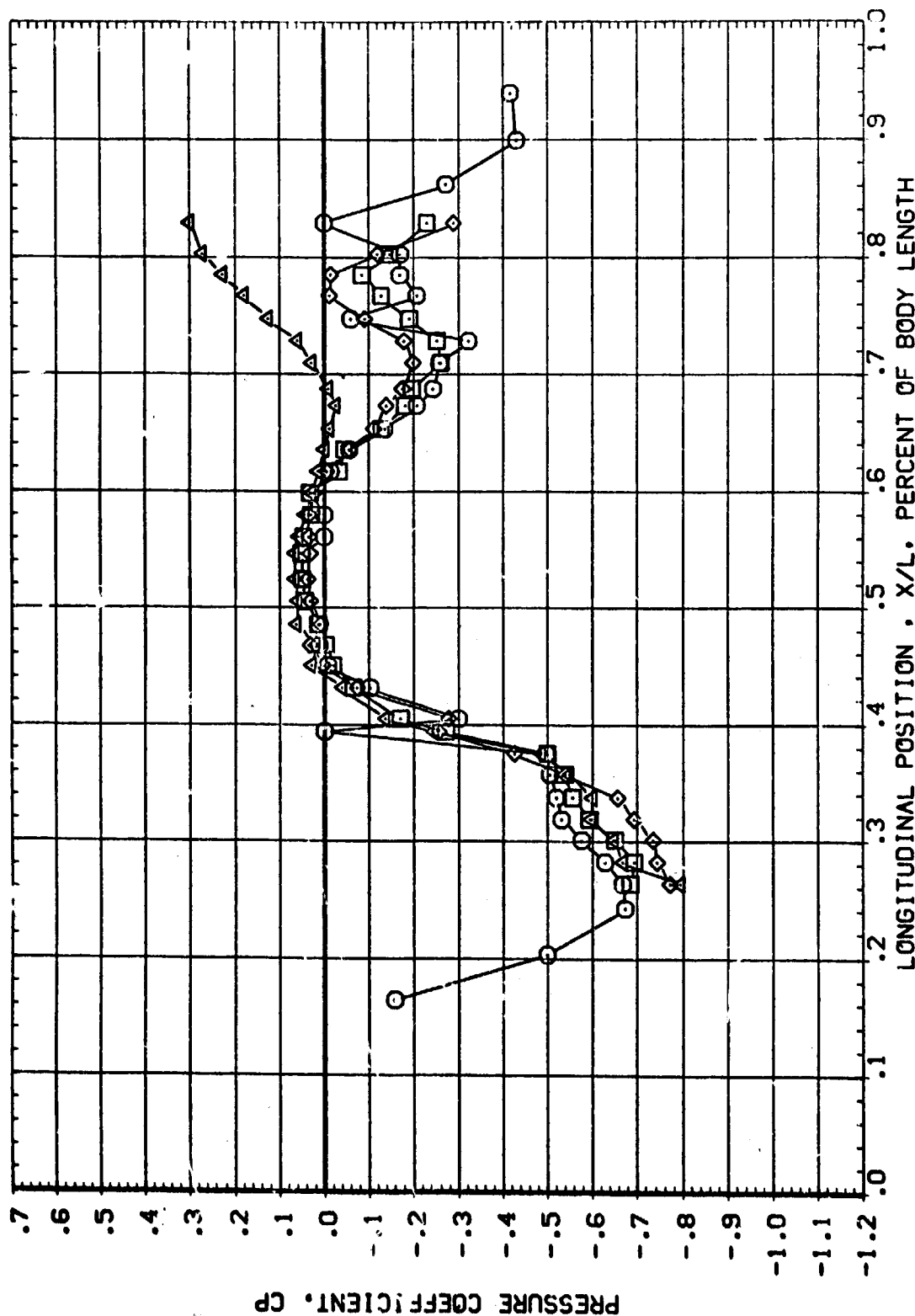
SYMBOL	PHI	ALPHA	MACH	BETA	ELEVTR	RUDDER
○	90.000	2.309	.949	.000	.000	.000
□	100.000			.000		
◇	110.000			4.000		
△	180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PMF	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	4.460	.951	AILRON	.000 ELEVTR
□	100.000			RVL	.000 RUDDER
△	110.000				4.000
◇	160.000				

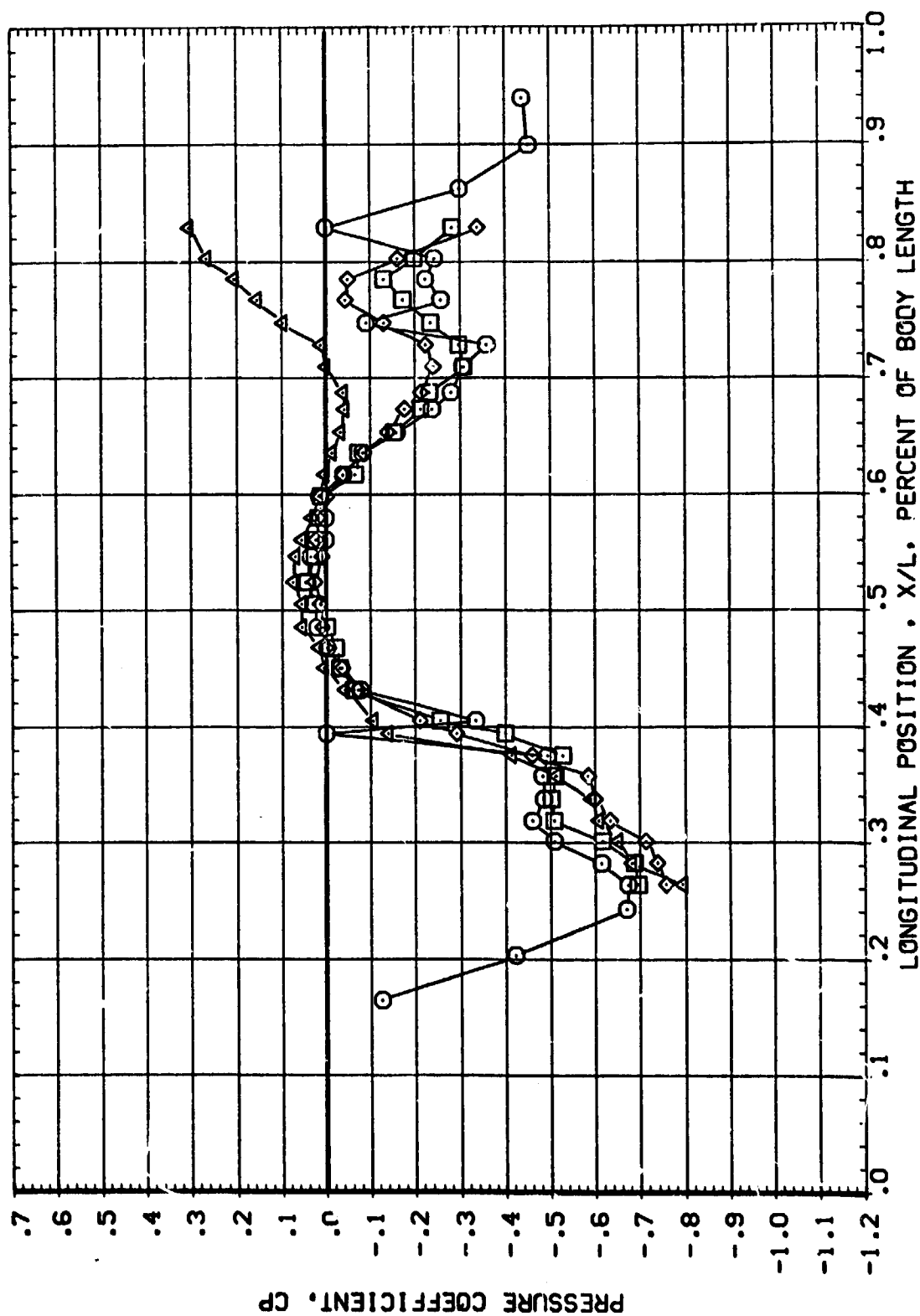


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

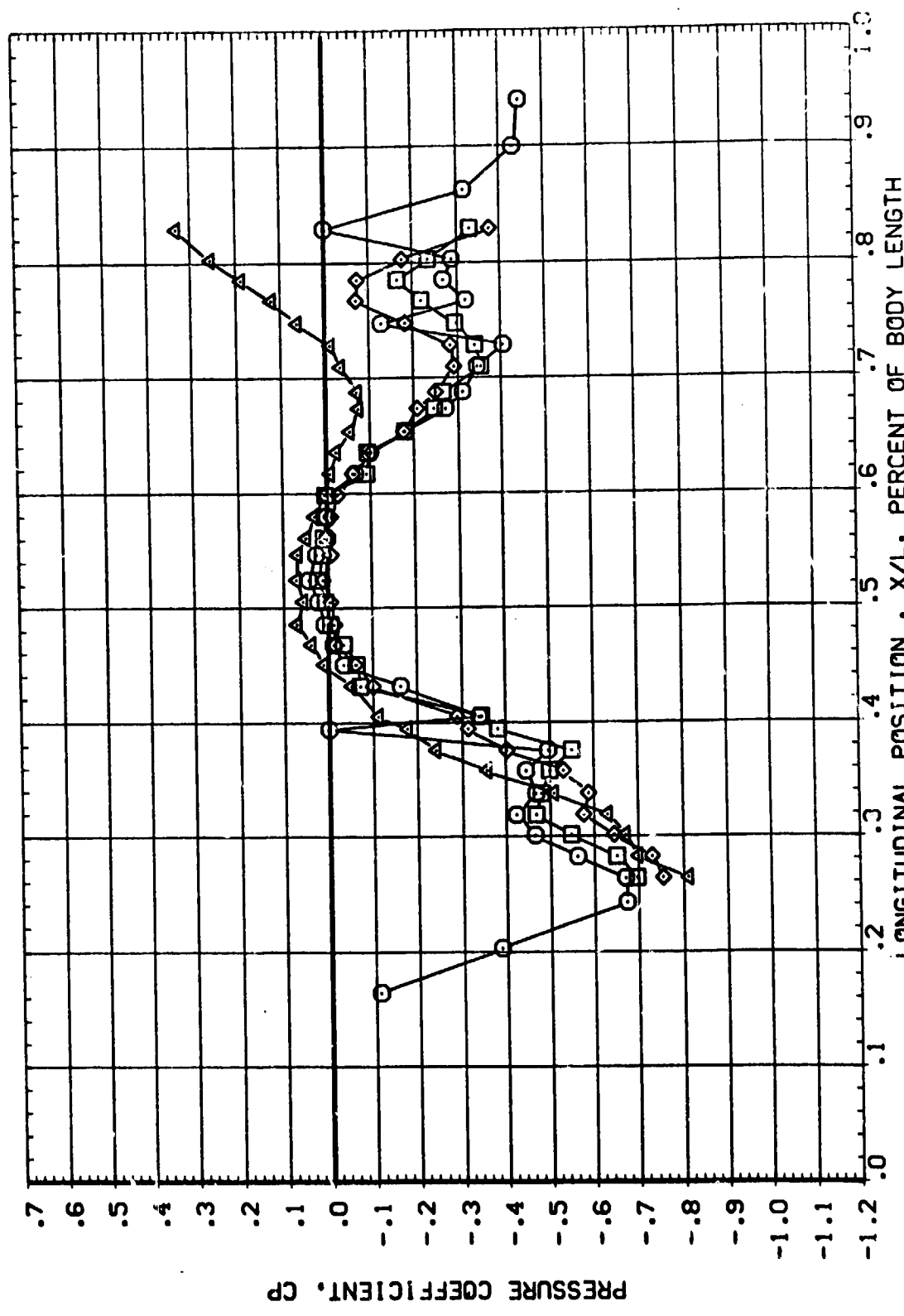
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
○	90.000	6.637	.952	AILRON	.000	RUDDER	.000
□	100.000			RV/L	4.000		
◇	110.000						
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
90.000	8.743	.949	.000	.000
100.000			.000	.000
110.000			.000	.000
180.000			4.000	.000



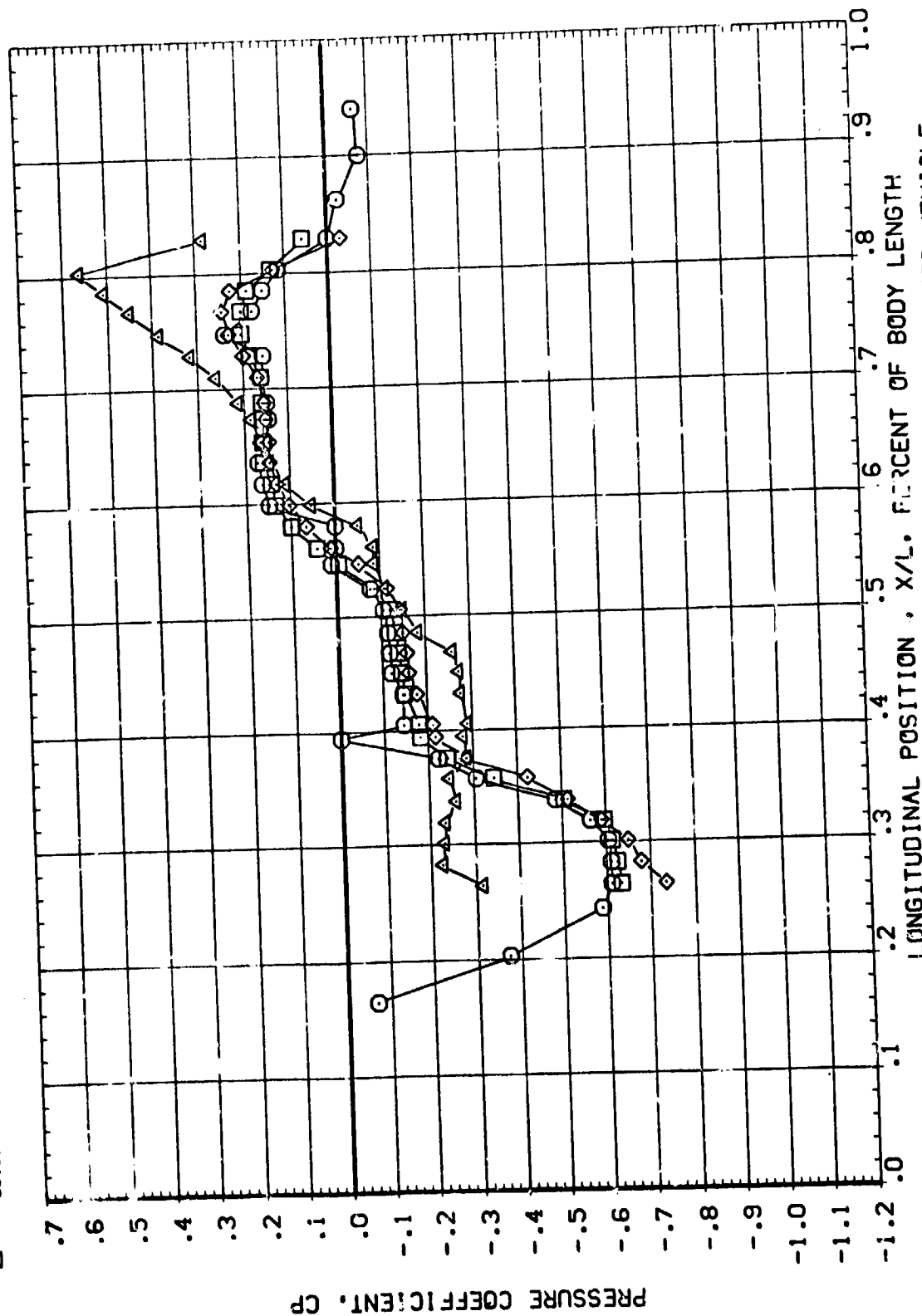
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

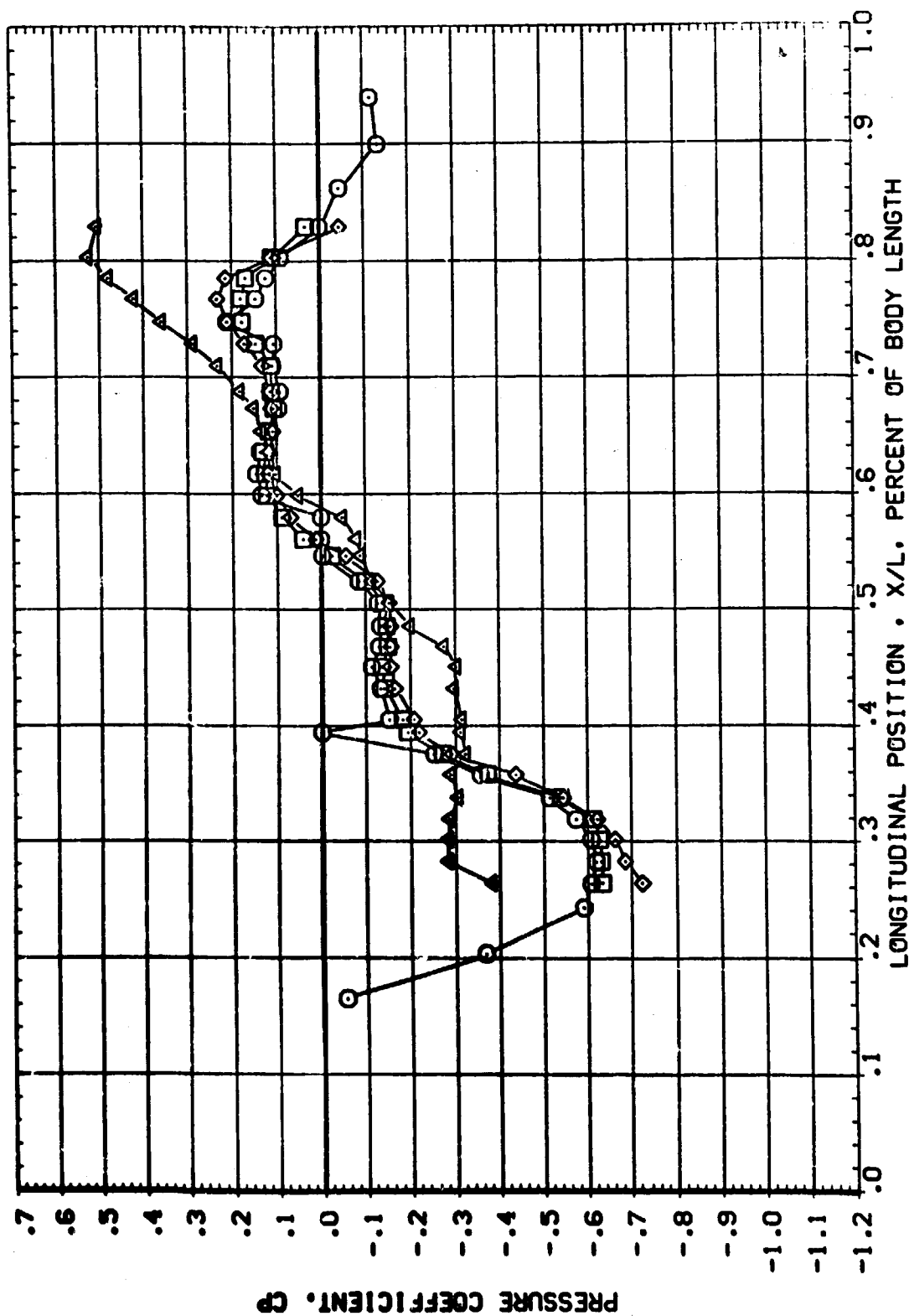
SYMBOL PHI ALPHA MACH
 ○ 90.000 -8.328 1.051
 □ 100.000
 ◇ 110.000
 △ 120.000

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RV/L 4.000



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

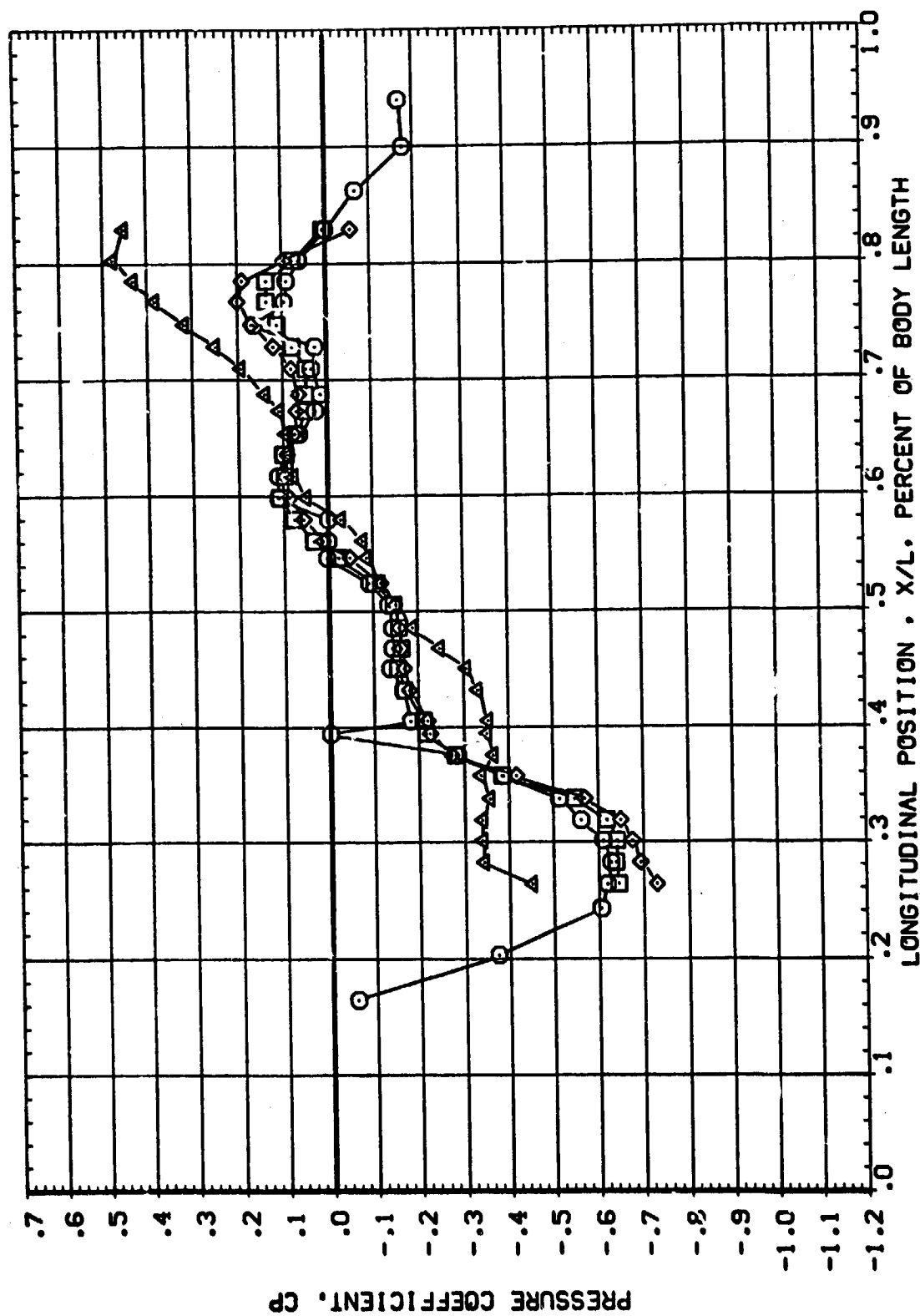
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-5.226	1.052	.000	ELEVTR .000
□	100.000			.000	RUDDER .000
◇	110.000			4.000	
△	160.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-4.082	1.045	.000	ELEVTR .000
□	100.000			.000	RUDER .000
◇	110.000			4.000	
△	180.000				

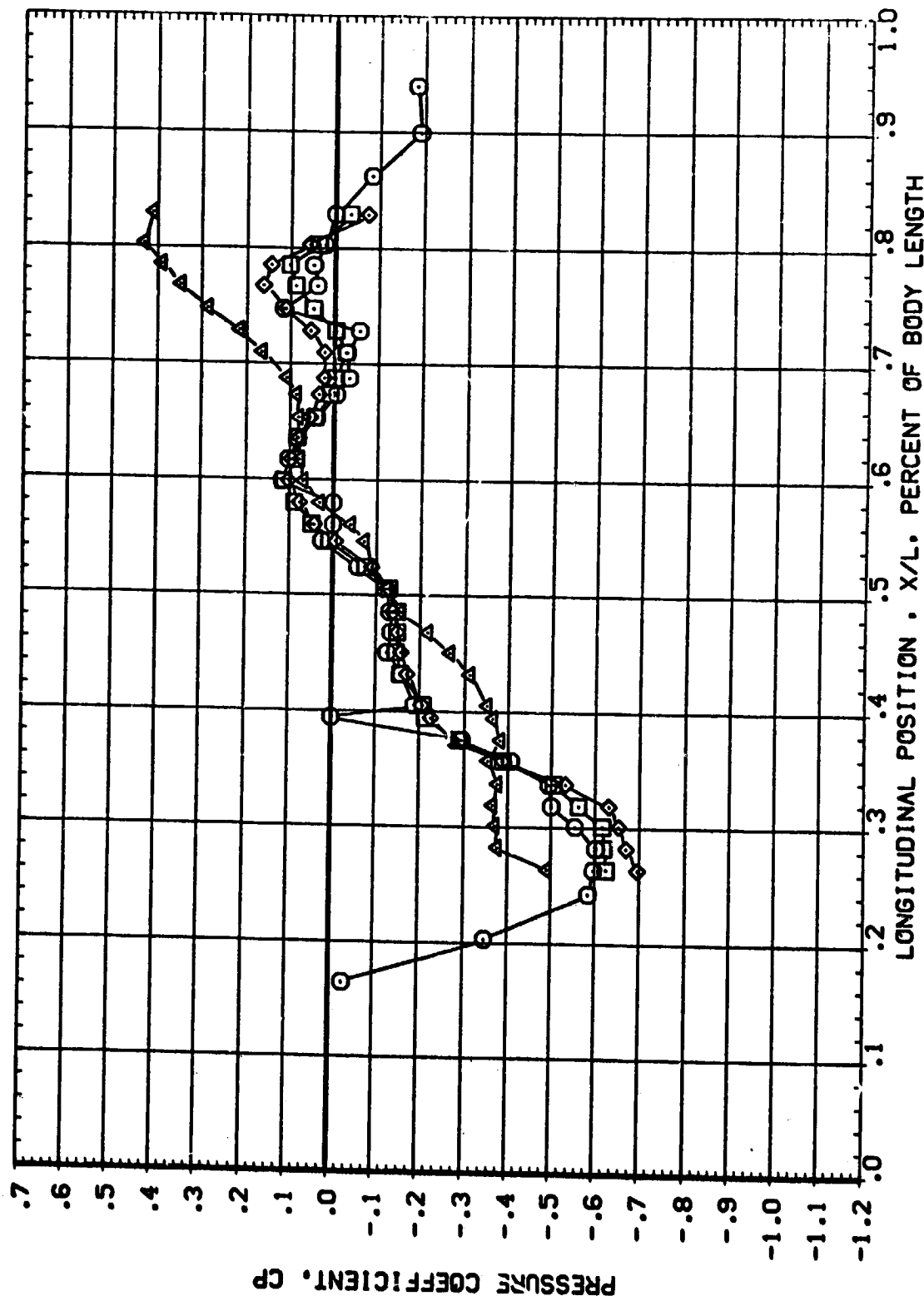


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMOL PHI ALPHA MACH
 □ 90.000 -1.957 1.052
 ◇ 100.000
 △ 110.000
 180.000

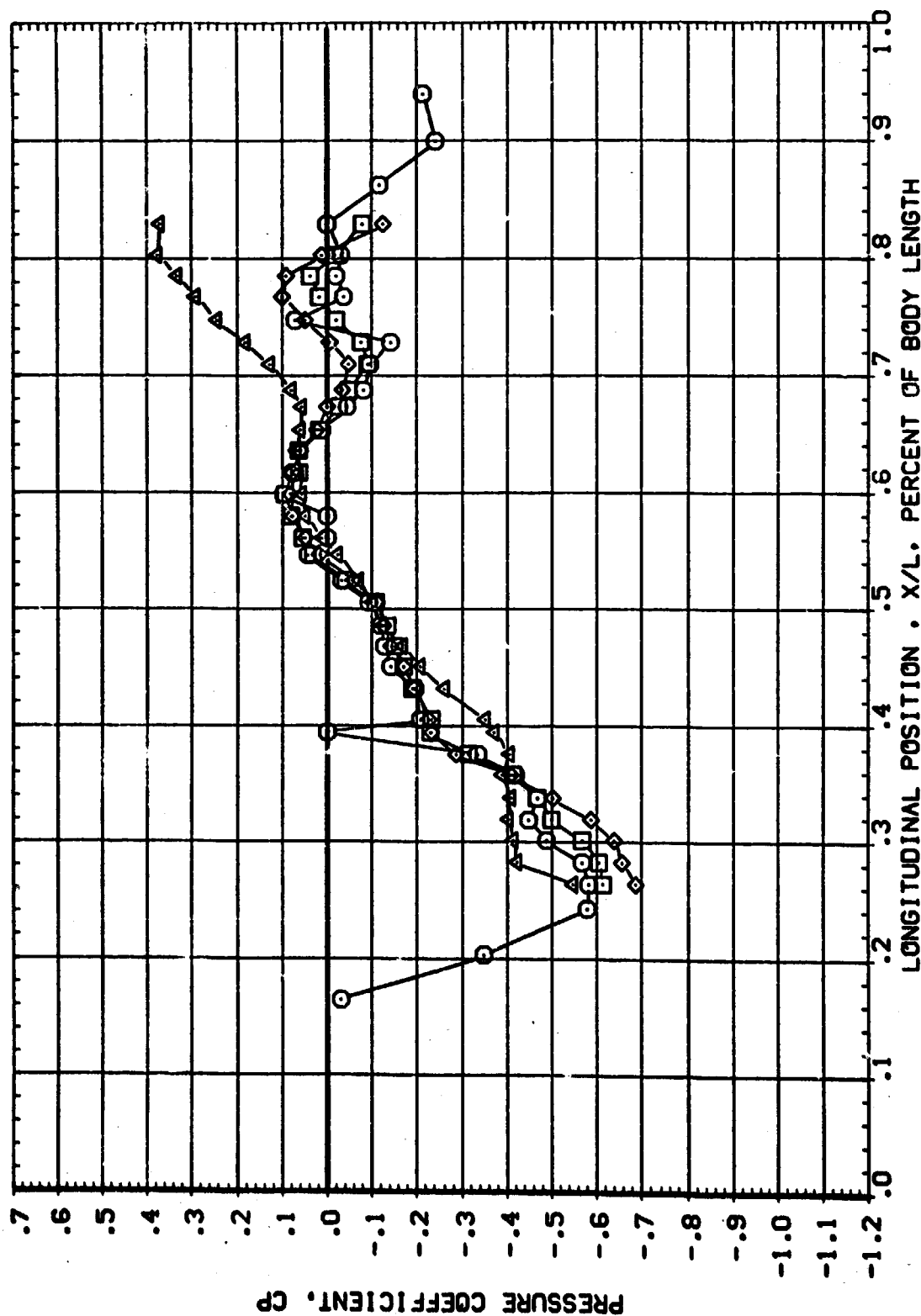
PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RN/L 4.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

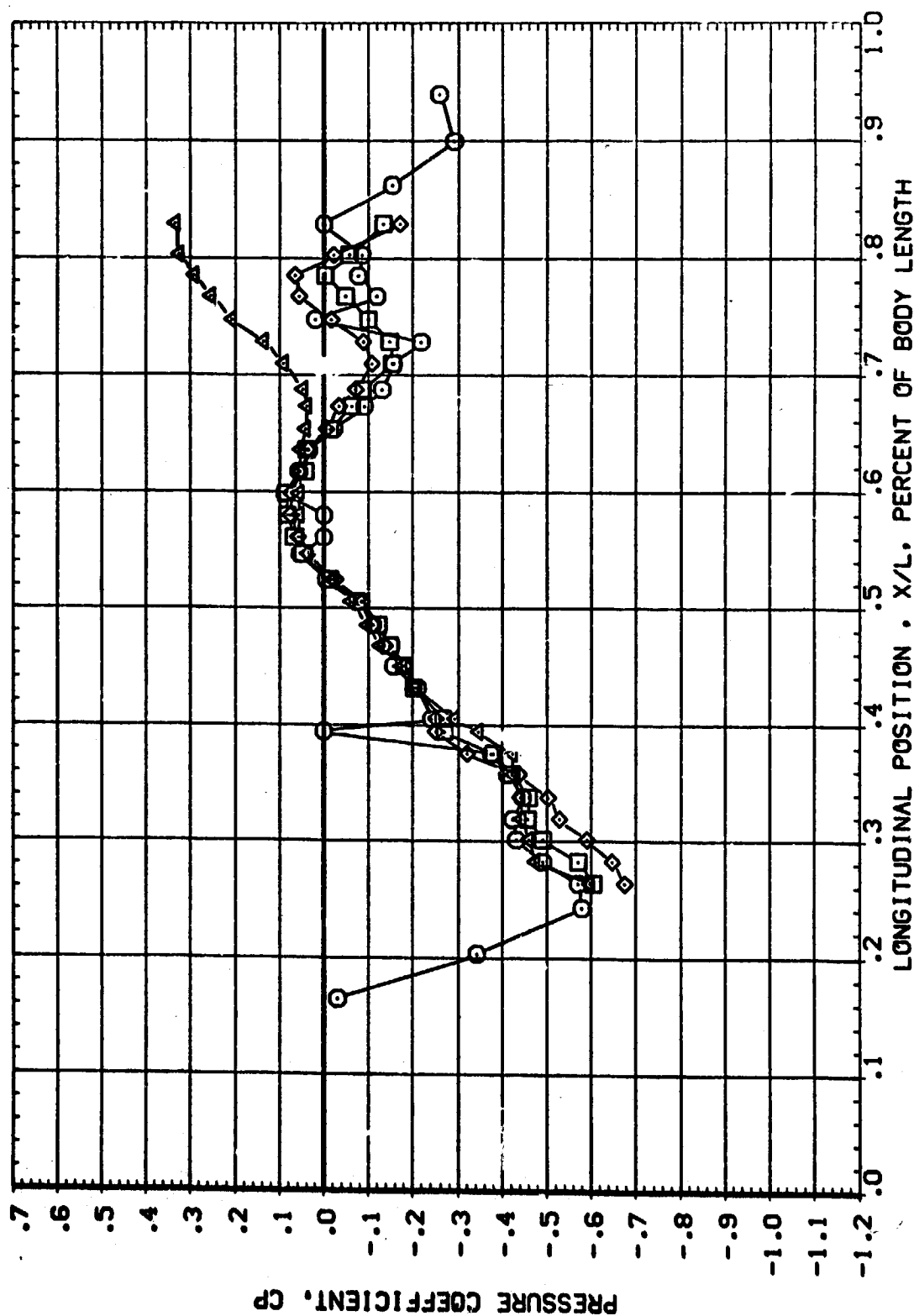
PNL	ALPHA	MACH	PARAMETRIC VALUES	
90.000	.150	1.049	BETA	.000
100.000			AILRON	.000
110.000			RN/L	4.000
180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYM-BOL	PMI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
○	90.000	2.351	1.046	AILRON	.000	RUDDER	.000
□	100.000			RV/L	4.000		
◇	110.000						
△	180.000						

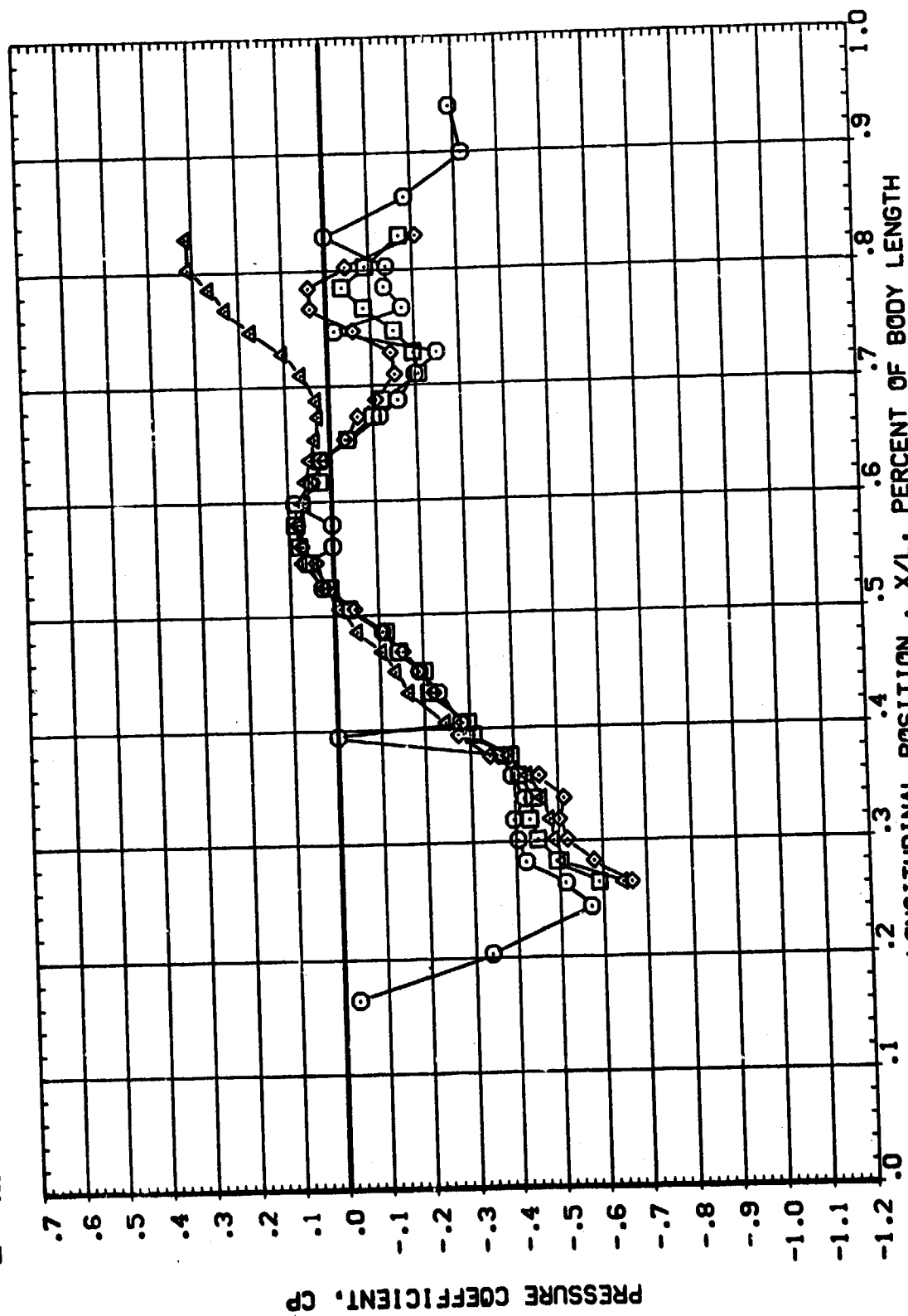


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



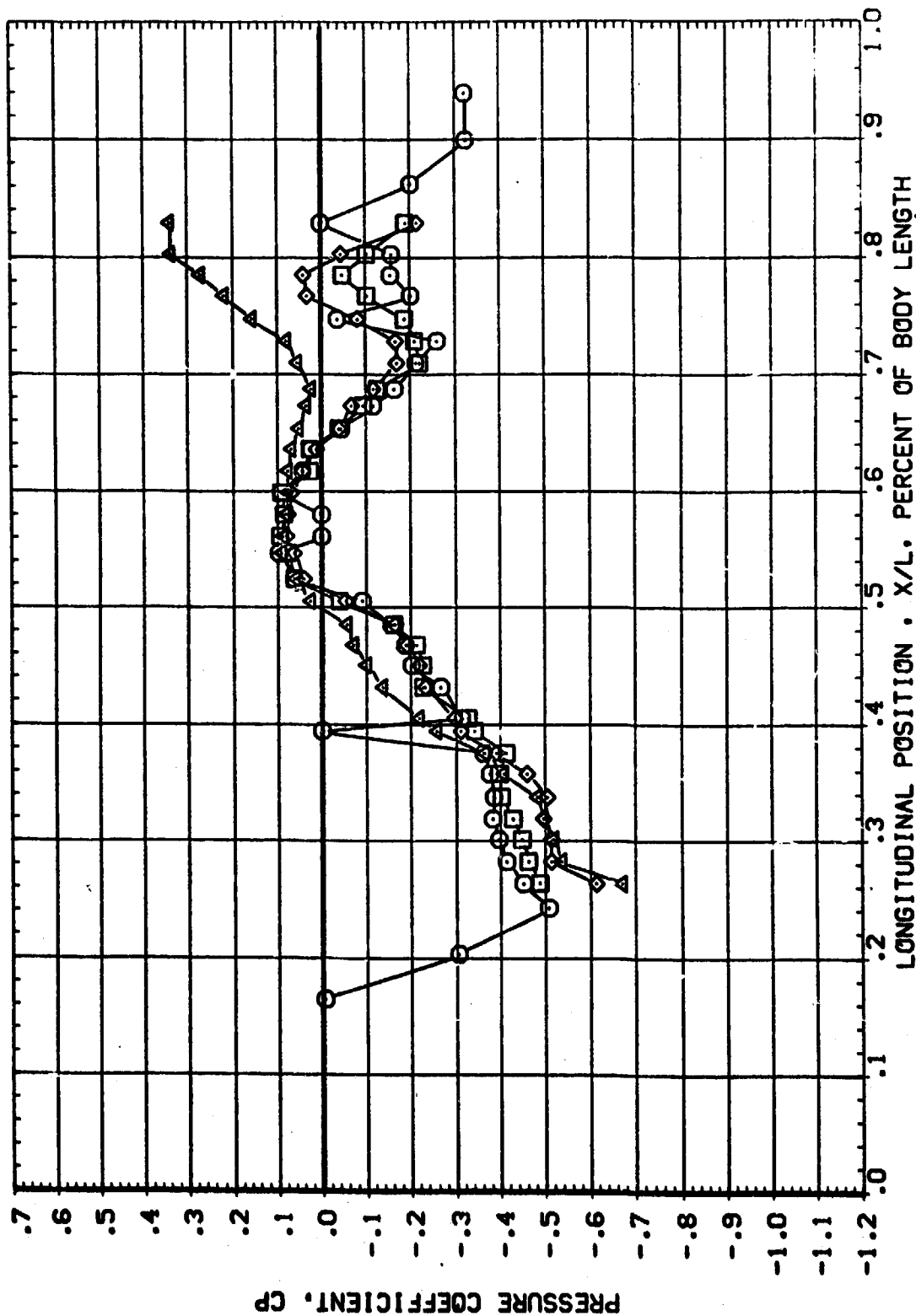
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBO.	PHI	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	.000	ELEVTR
□	90.000	4.478	1.048	AILRON	.000	RUDDER
◇	100.000			RV/L	4.000	
△	110.000					
△	180.000					



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES		
□	90.000	6.494	1.052	BETA	.000	ELEVTR
◇	100.000			AIRRON	.000	RUDDER
△	110.000			RV/L	4.000	
	180.000					

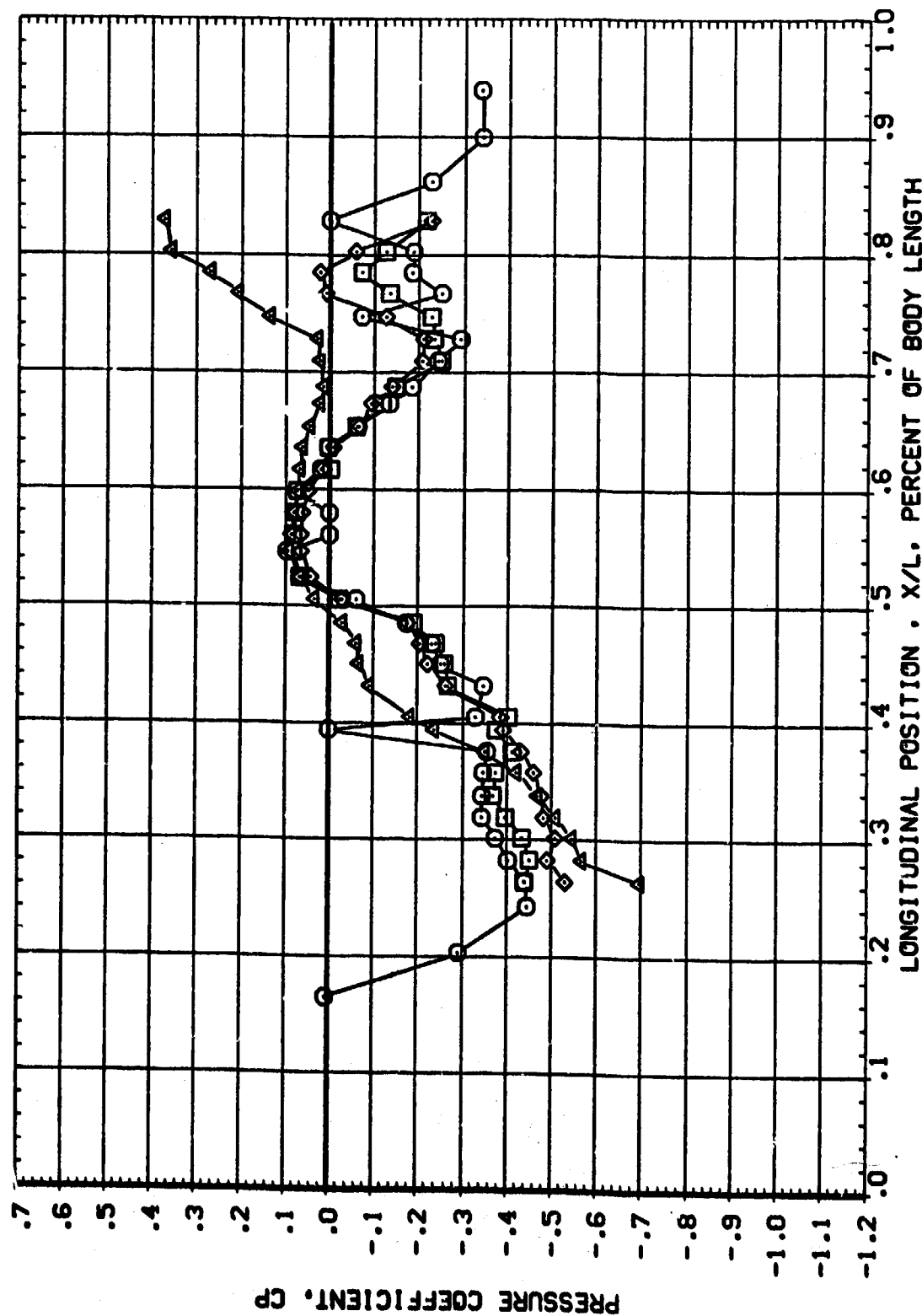


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



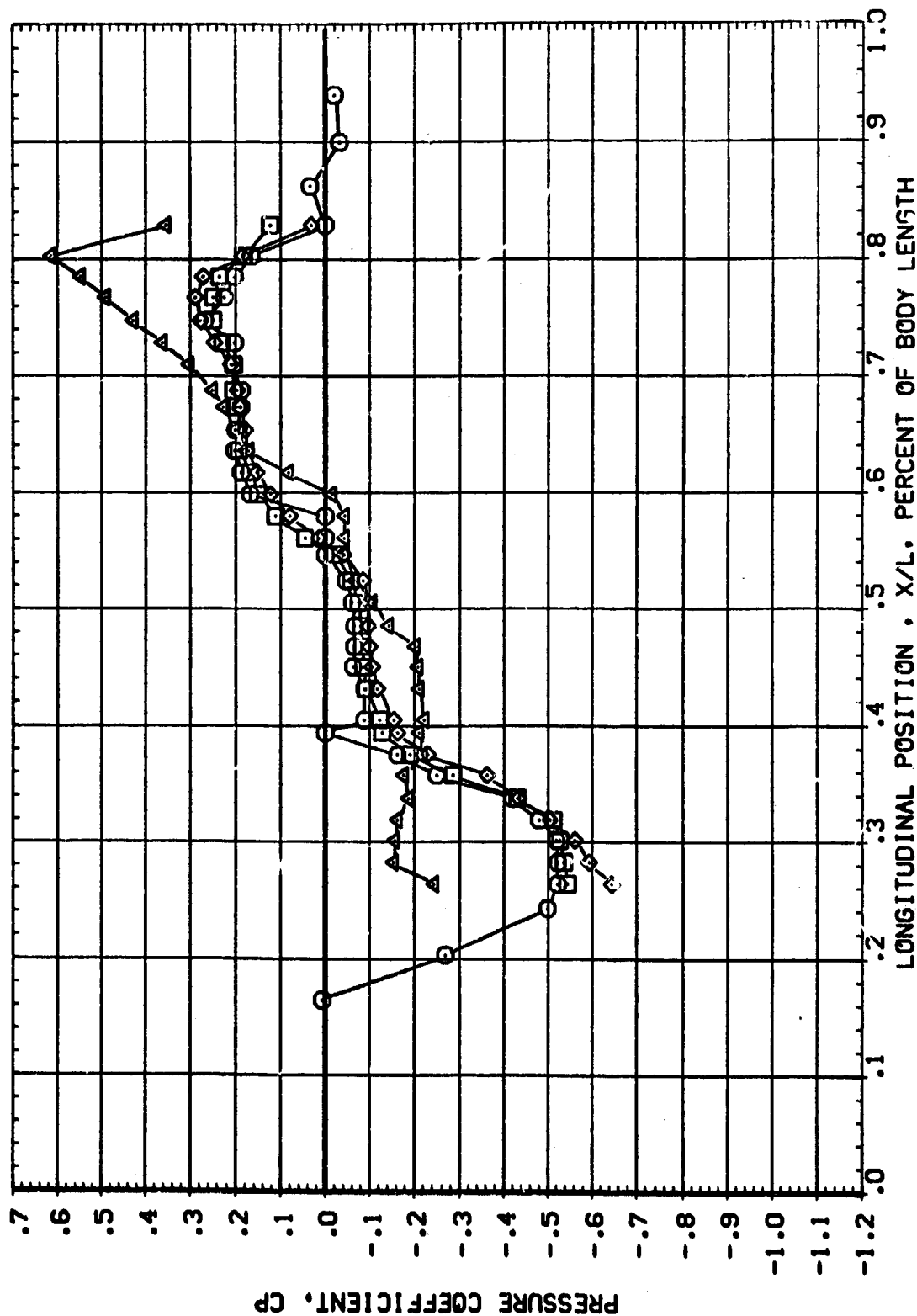
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	8.613	1.052	.000	.000
□	100.000			.000	.000
◇	110.000			4.000	
△	160.000				



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RV/L	PARAMETRIC VALUES
□	90.000	-8.181	1.100	.000	.000		ELEVTR
◇	100.000			.000	.000		RUDDER
△	110.000			4.000			
	180.000						

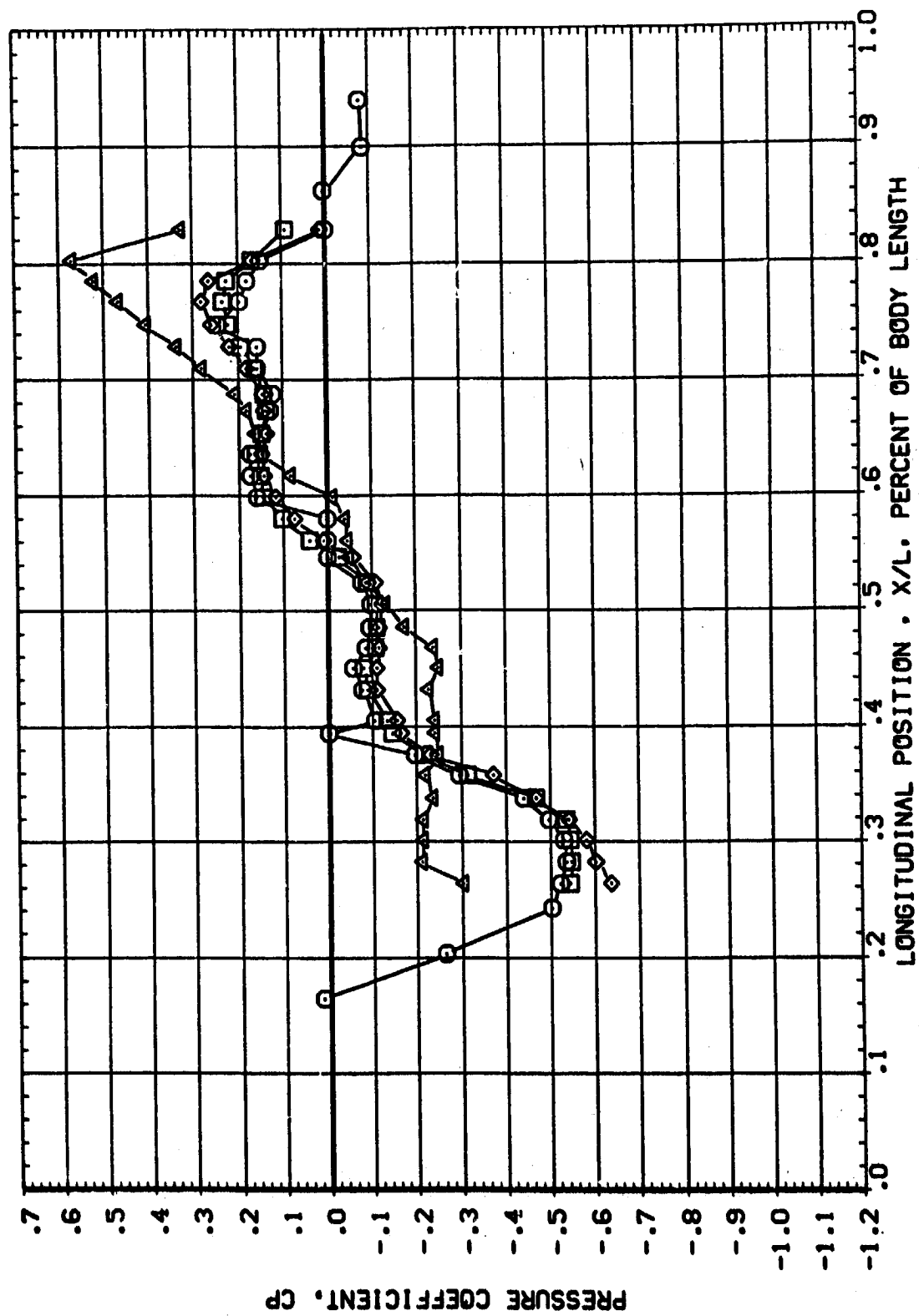


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



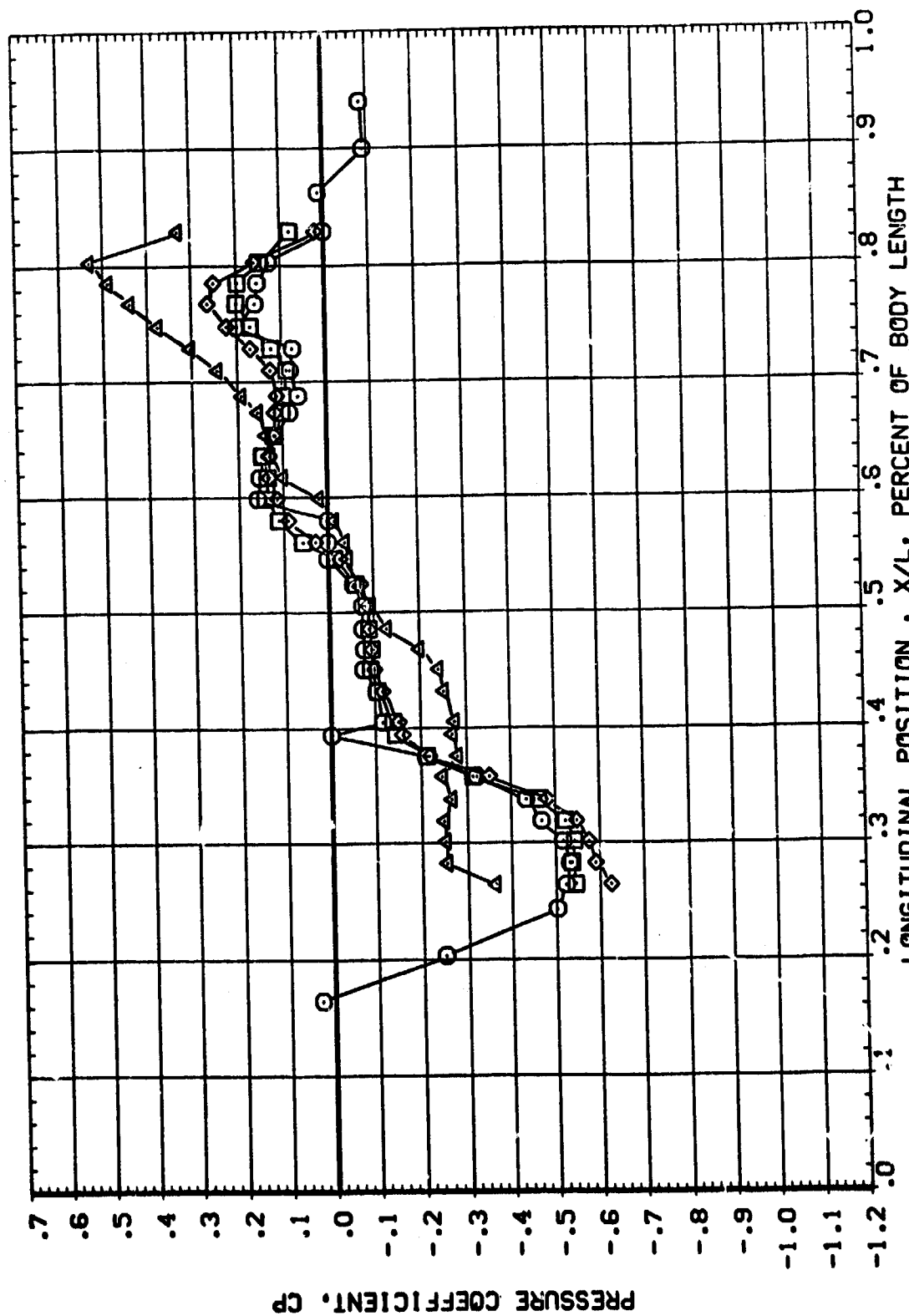
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-6.221	1.100	.000	ELEVTR
□	100.000			.000	RUDER
◇	110.000			4.000	
△	160.000				



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

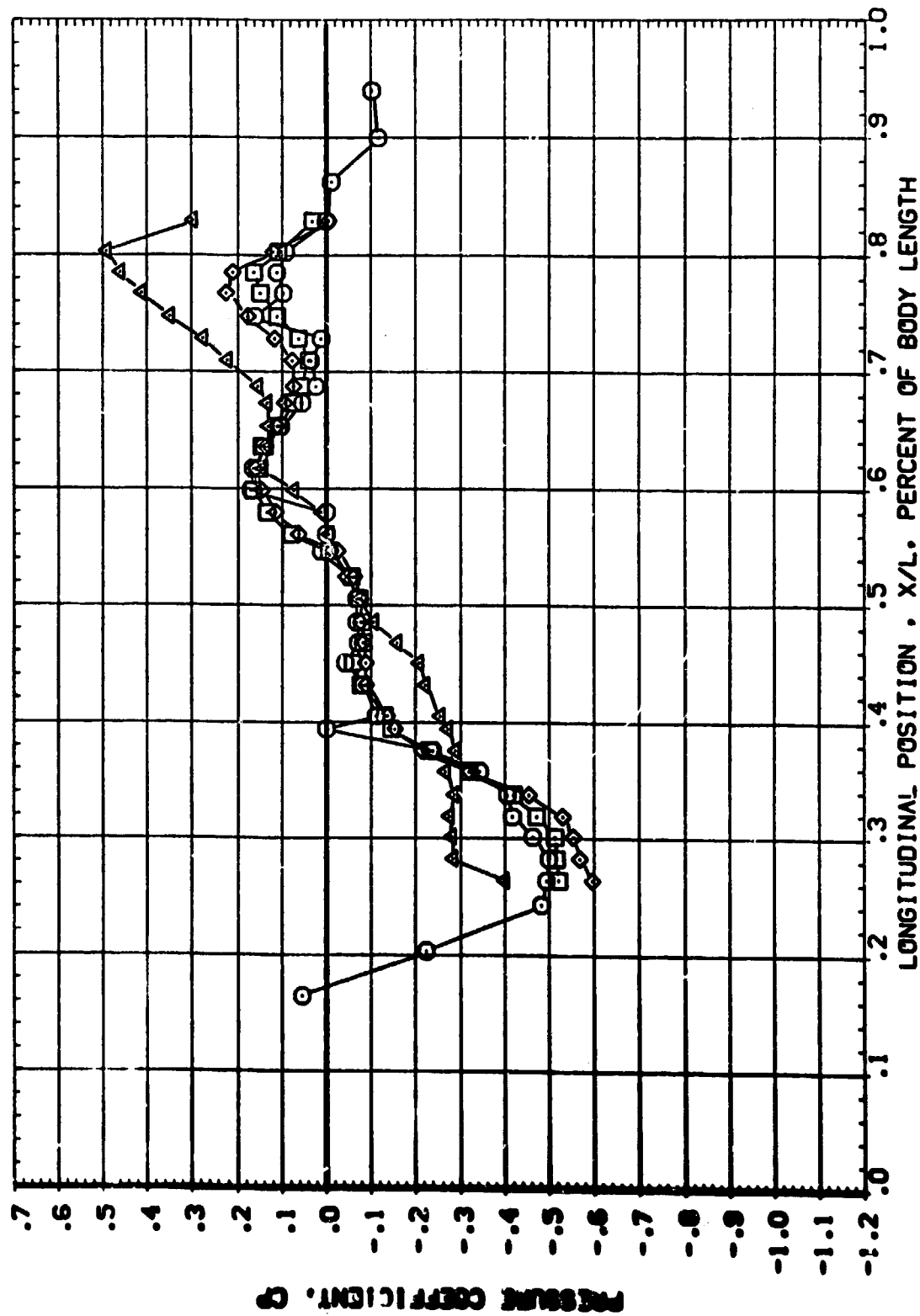
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-4.014	1.100	AILRON	.000
□	100.000			RN/L	.000
◇	110.000				4.000
△	160.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

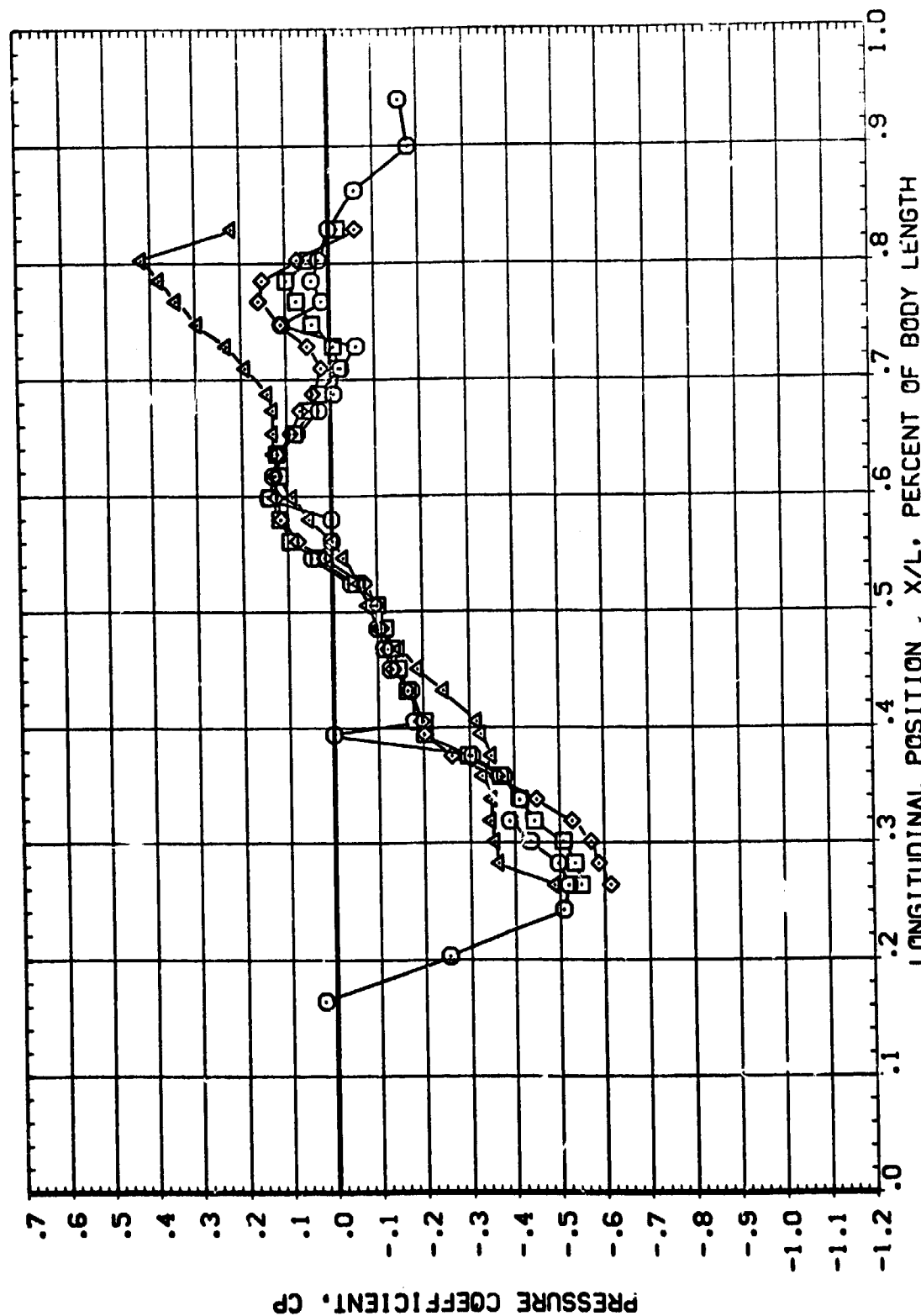
SYMBOL	PMI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
○	90.000	-1.957	1.109	AILRON	.000	RUDER	.000
□	100.000			RM/L	4.000		
◇	110.000						
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	.169	1.095	.000	.000
□	100.000			.000	ELEVTR
◇	110.000			.000	RUDDER
△	180.000			4.000	

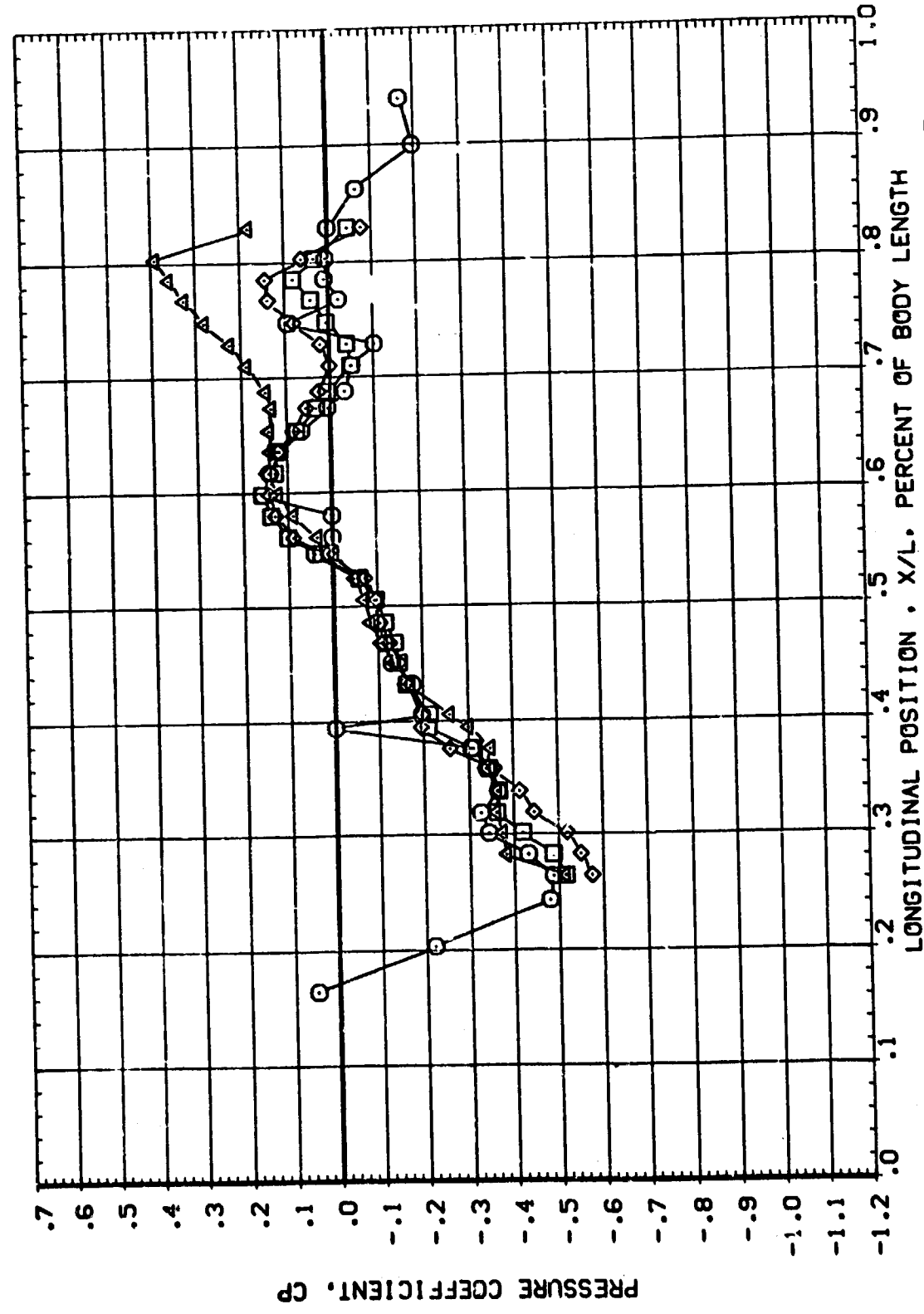


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



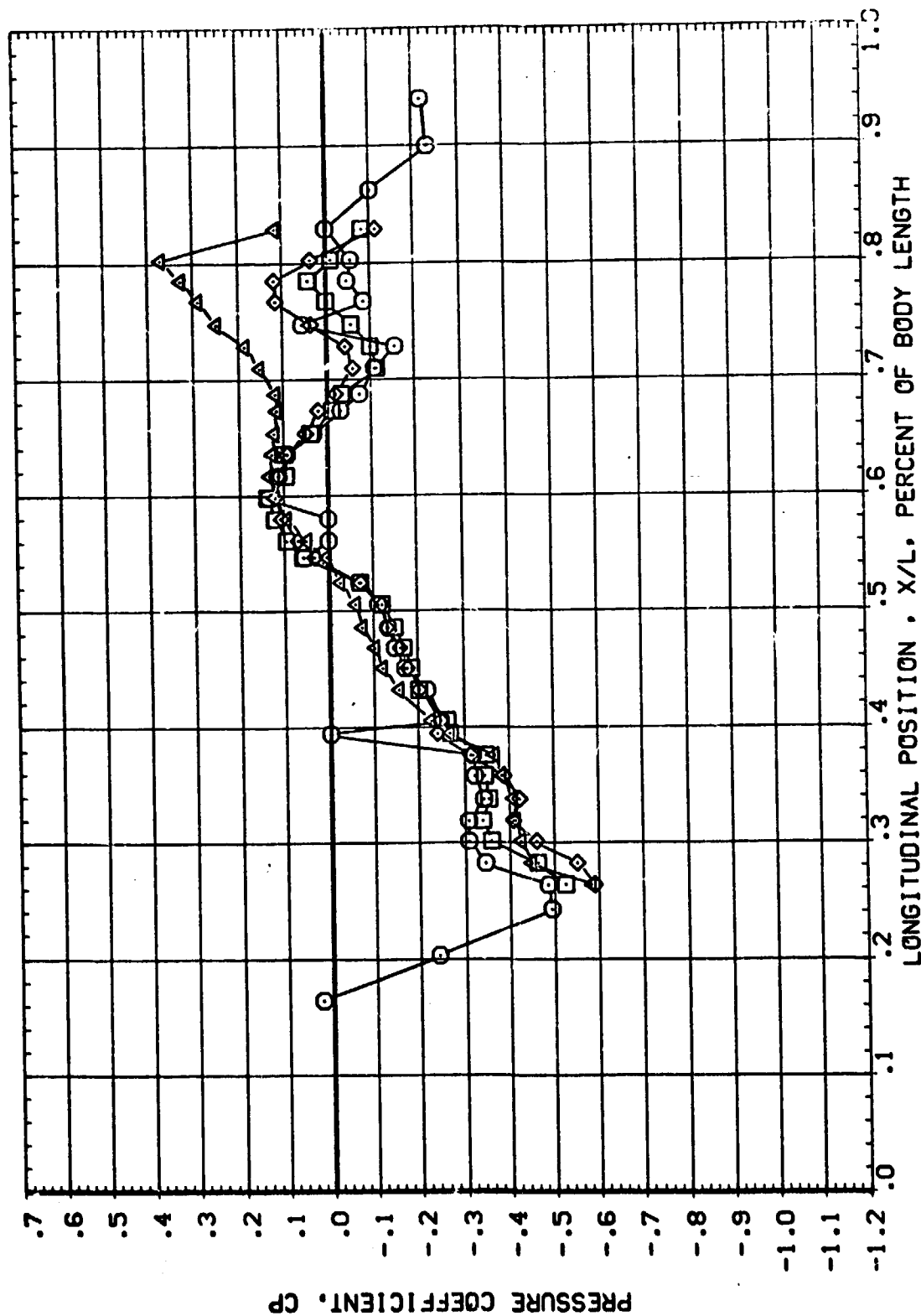
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

SYMBOL	PN1	ALPHA	MACH	PARAMETRIC VALUES			
○	90.000	2.300	1.104	BETA	.000	ELEVTR	.000
□	100.000			AILRON	.000	RUDER	.000
△	110.000			RN/L	4.000		
◇	160.000						



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	4.411	1.097	AIRLON	.000 ELEVTR
□	100.000			RV/L	.000 RUDDER
◇	110.000				4.000
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL
○
□
◇
△

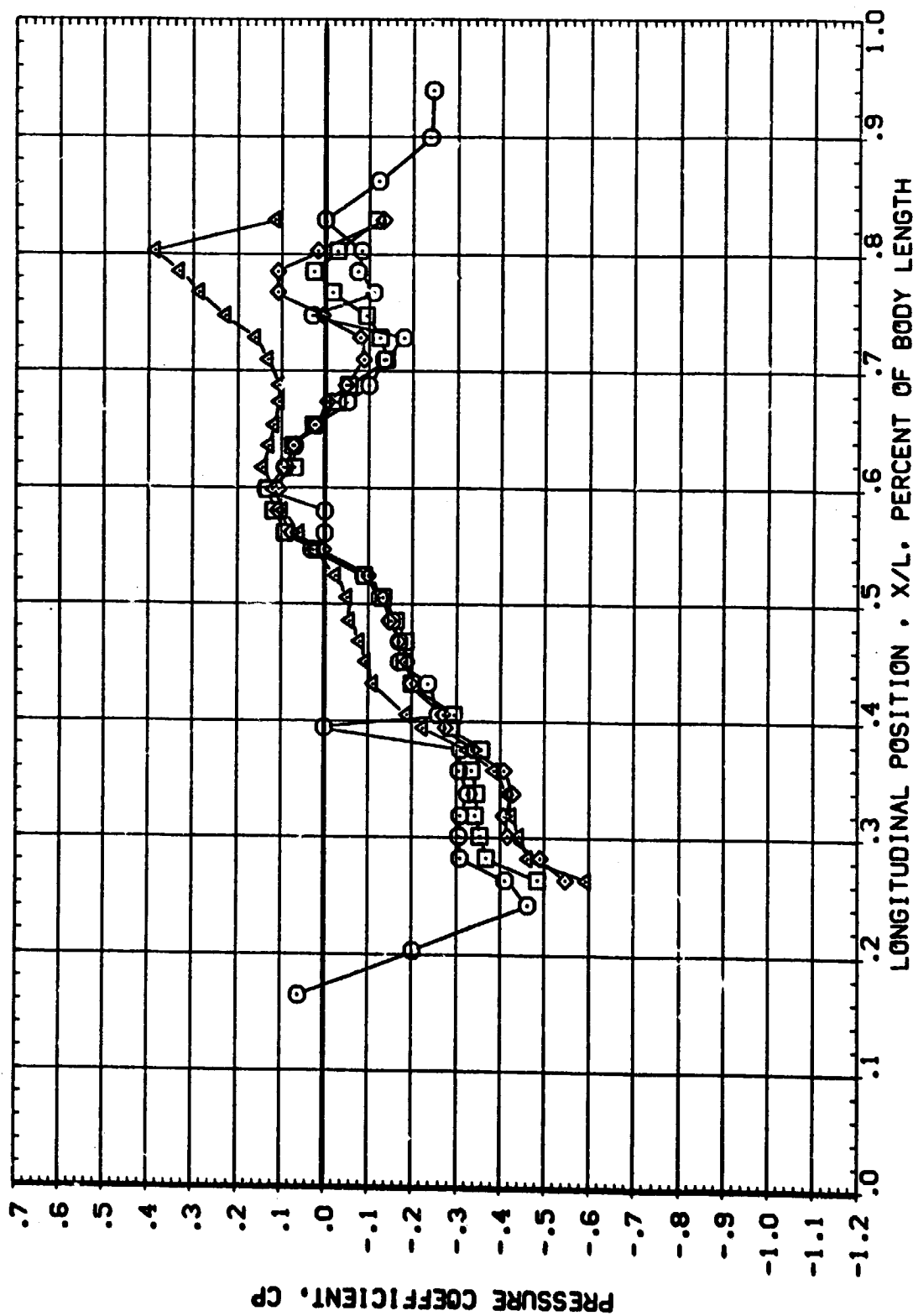
PHI
90.000
100.000
110.000
180.000

ALPHA
6.583

MACH
1.103

PARAMETRIC VALUES
BETA
ATLRON
RV/L
.000
.000
4.000

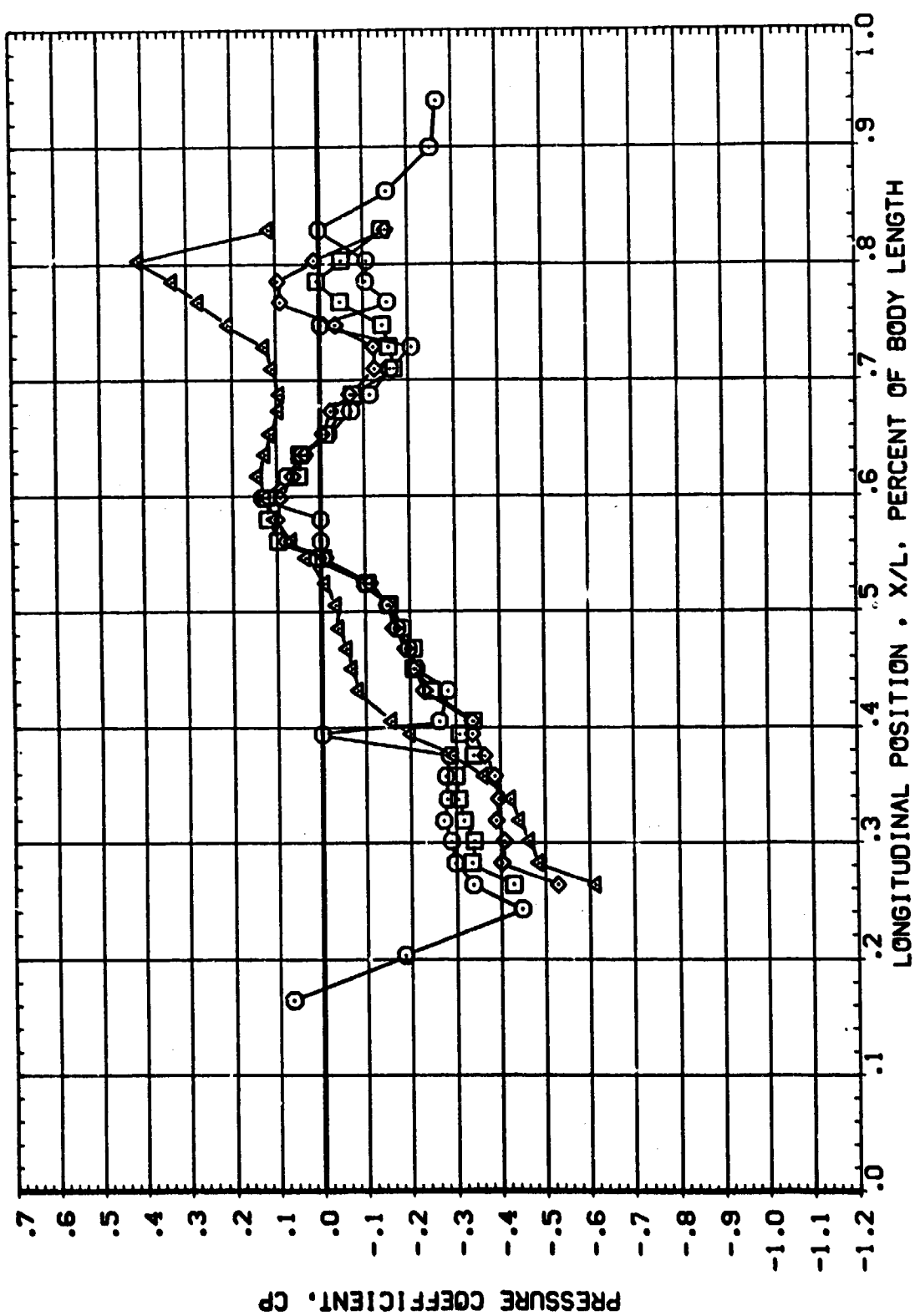
.000
.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	8.682	1.105	ALLRON	.000 ELEVTR
□	100.000			RM/L	.000 RUDDER
△	180.000				4.000

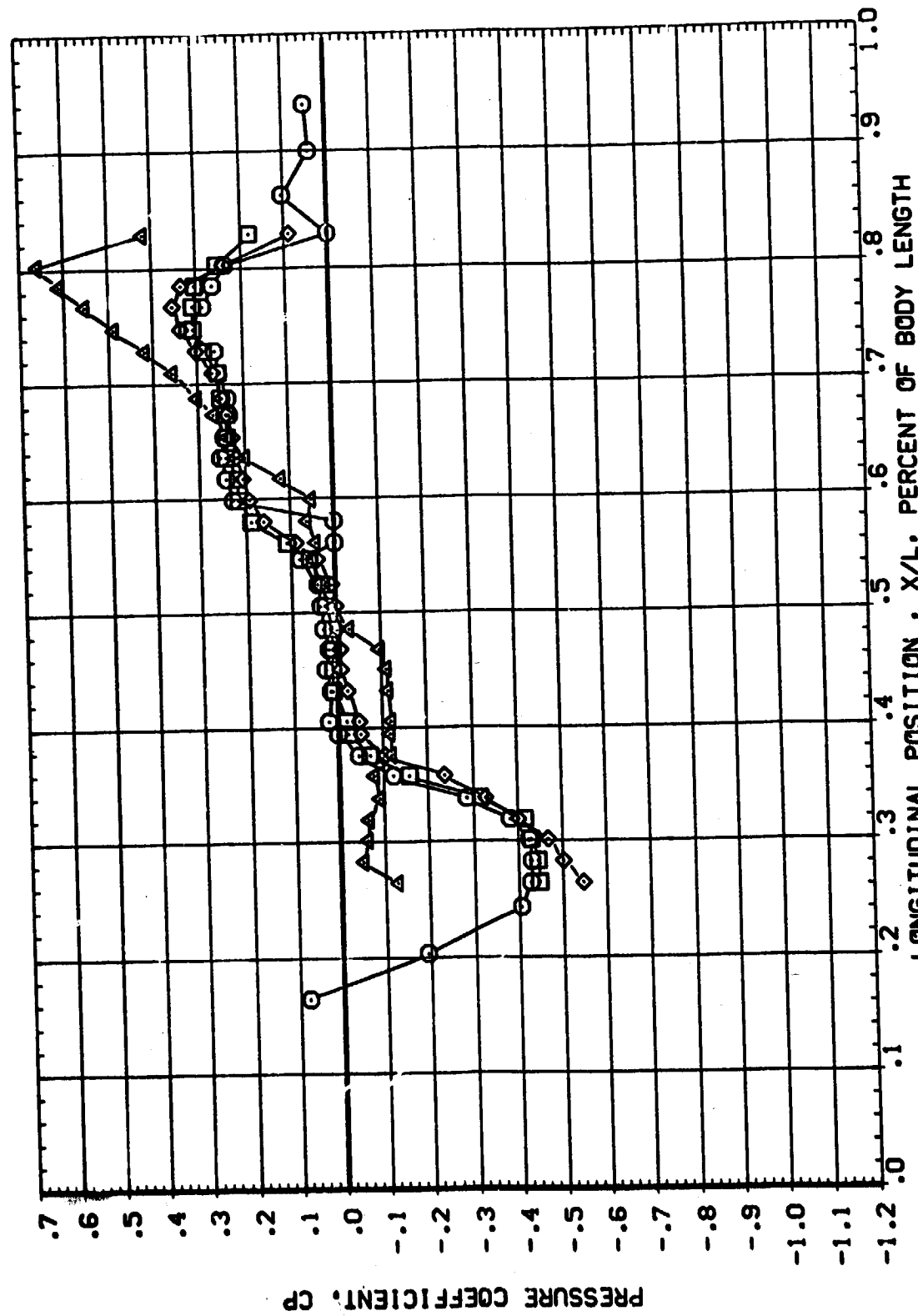


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

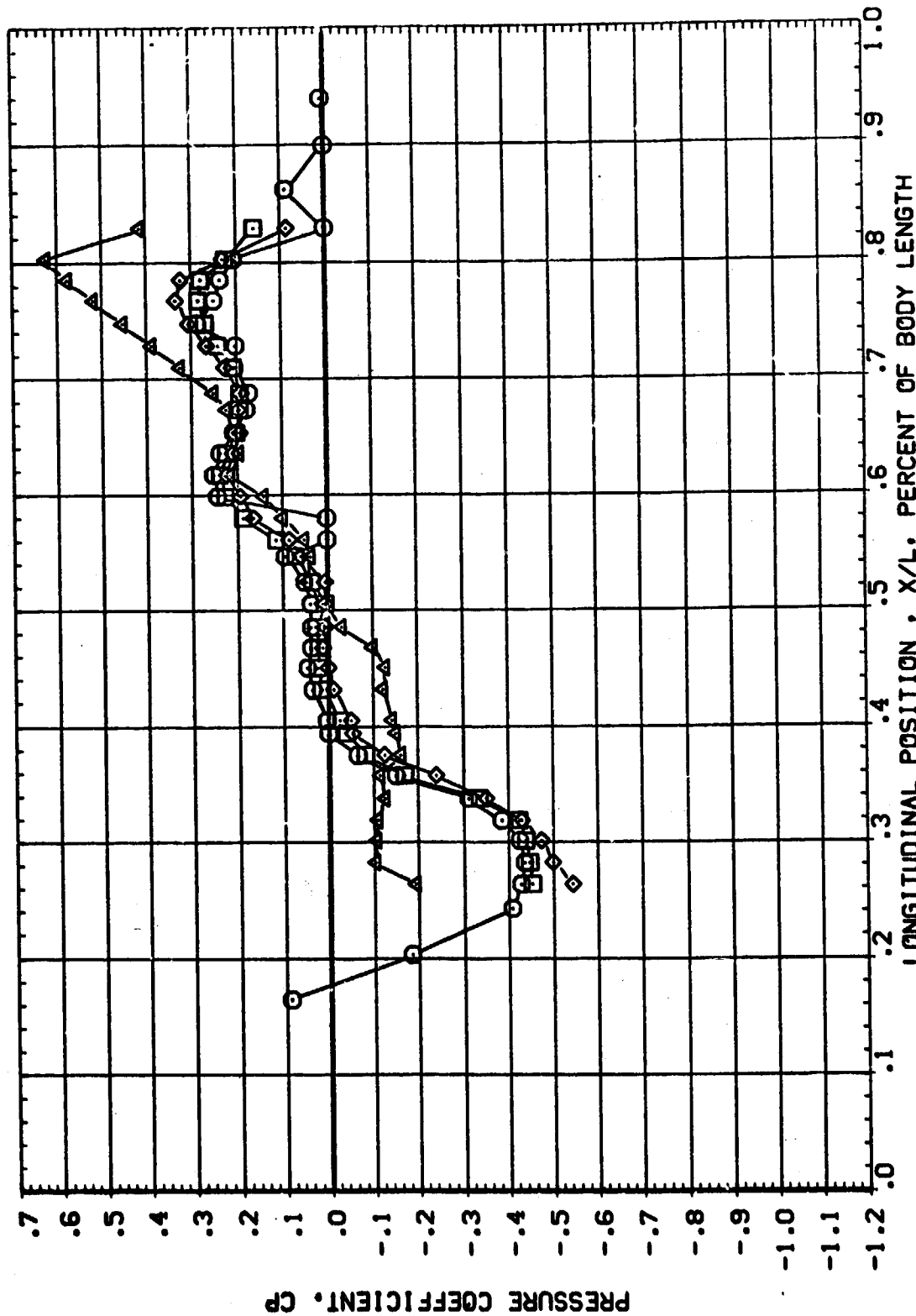
SYMBOL PHI ALPHA MACH
 ○ 90.000 -8.342 1.149
 □ 100.000
 ◇ 110.000
 △ 120.000

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RV/L 4.000



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES
○	90.000	-6.220	1.153	.000	.000	4.000	ELEVTR .000
□	100.000			.000	.000		RUDDER .000
◇	110.000						
△	160.000						

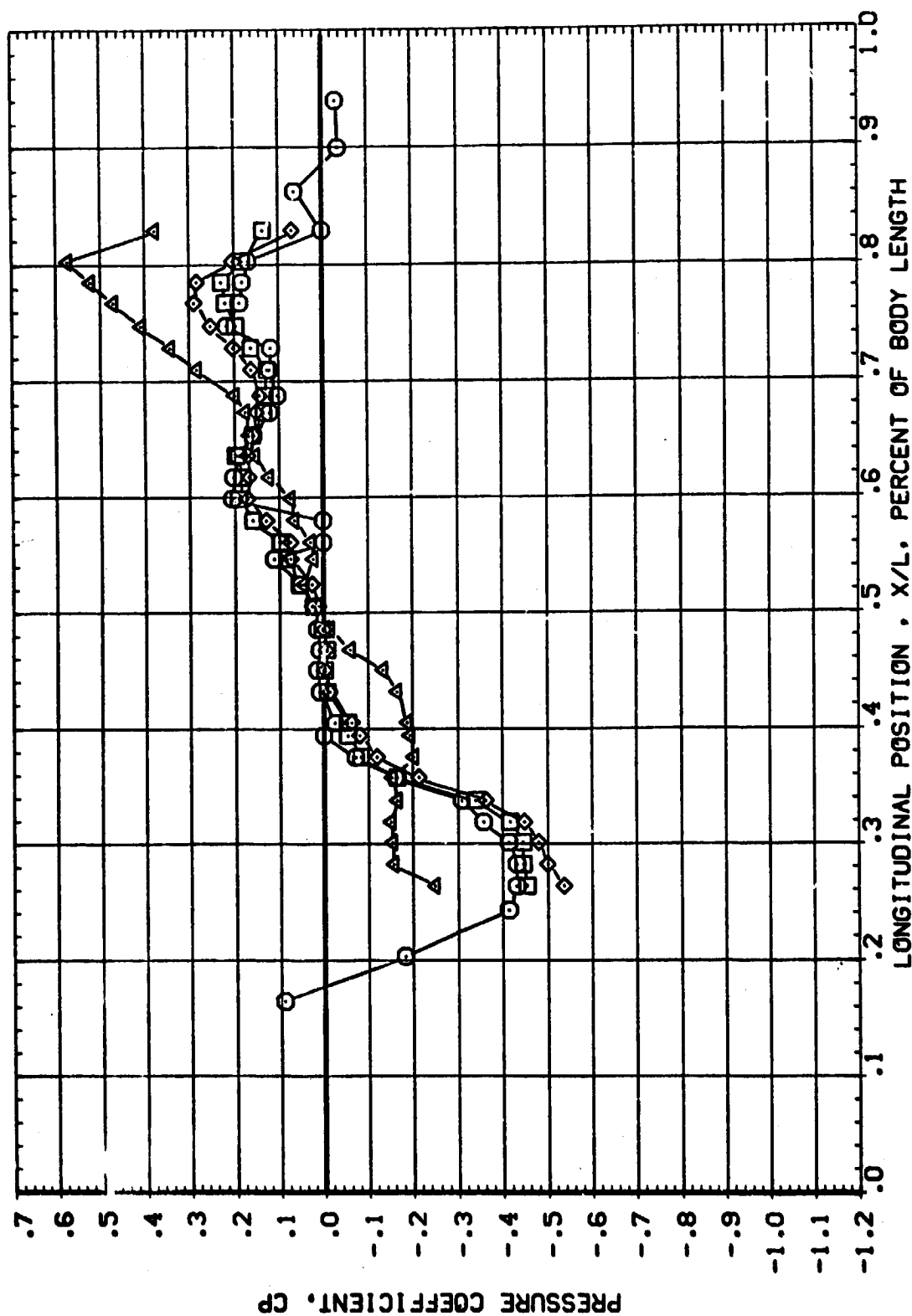


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

SYMBOL	PMI	ALPHA	MACH	BETA	AILIRON	RM/L	PARAMETRIC VALUES
○	90.000	-4.057	1.150	.000	.000	.000	ELEVTR
□	100.000			.000	.000	4.000	RUDDER
◇	110.000						
△	180.000						

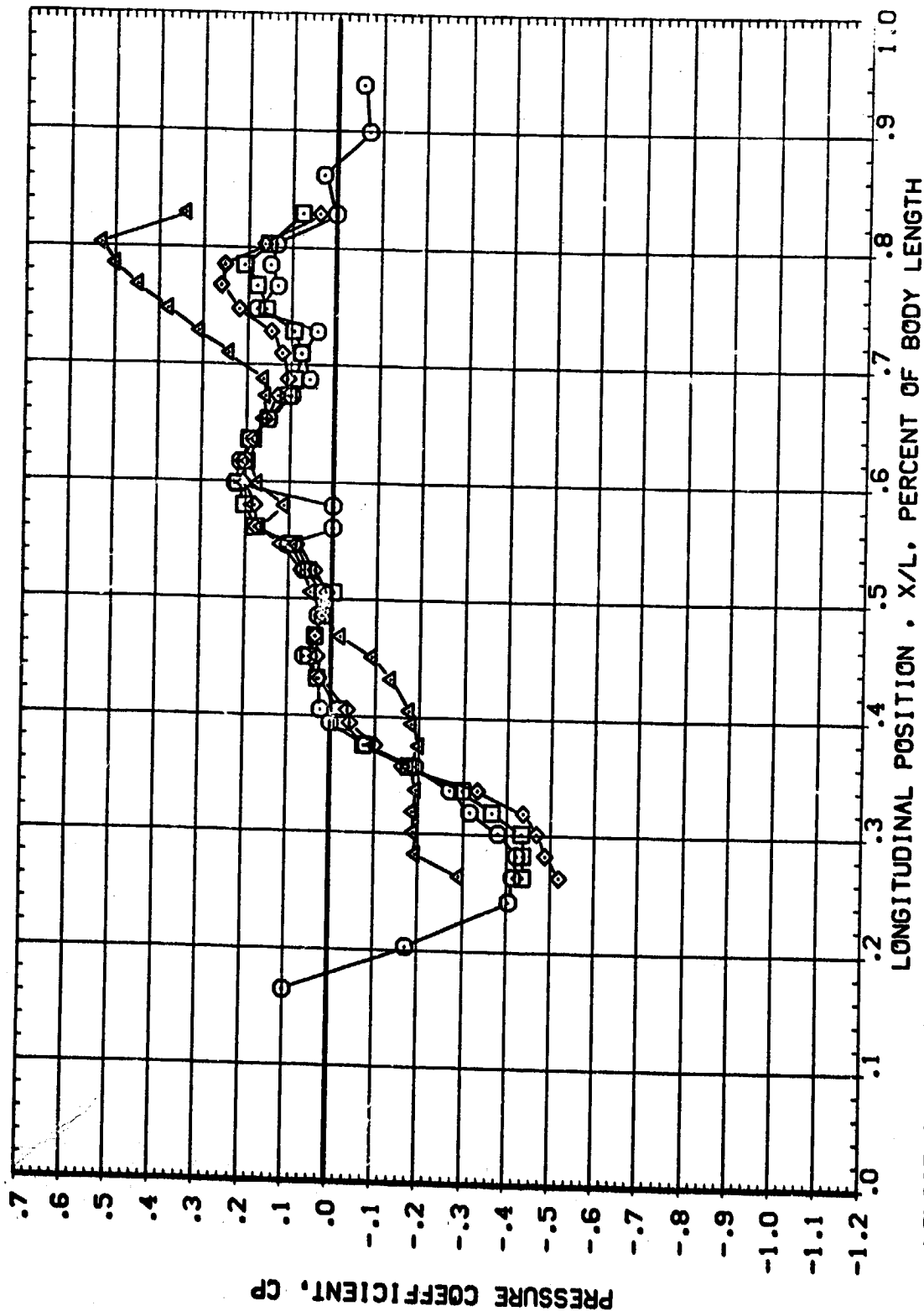


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL PHI ALPHA MACH
 ○ 90.000 -2.002 1.155
 □ 100.000
 ◇ 110.000
 △ 120.000

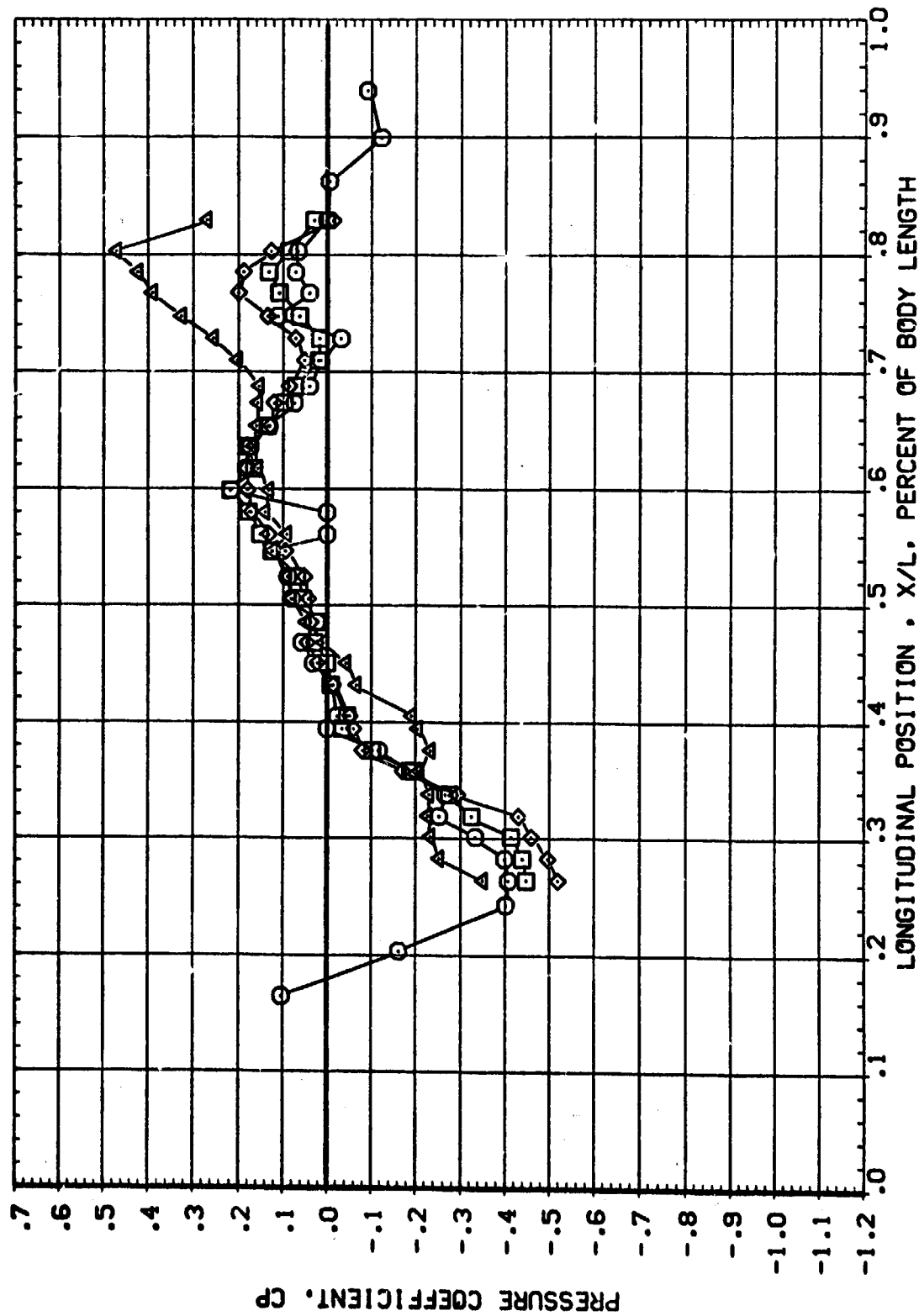
PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RW/L 4.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

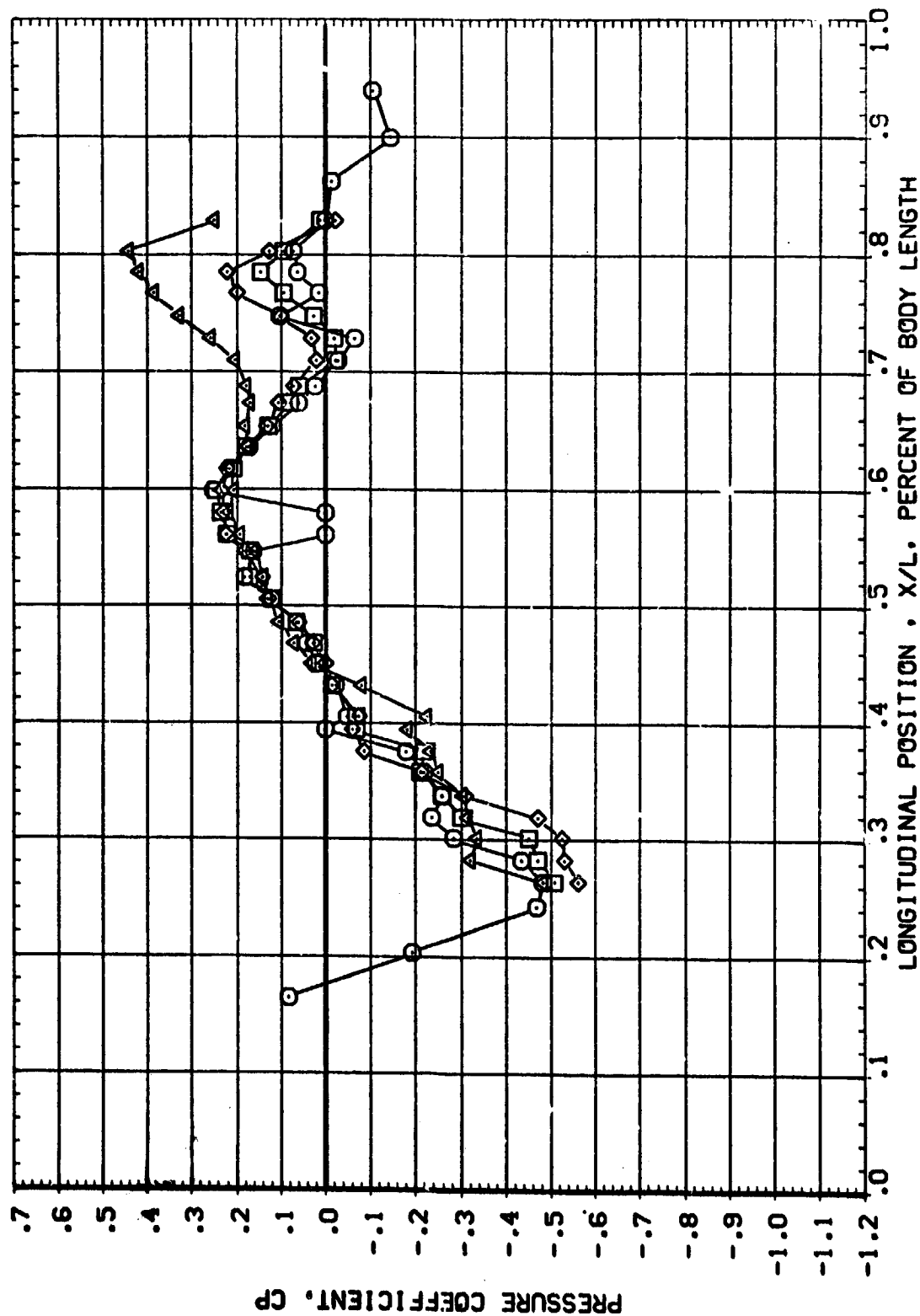
SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	.158	1.152	.000	.000
□	100.000			.000	ELEVTR
◇	110.000			4.000	RUDDER
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

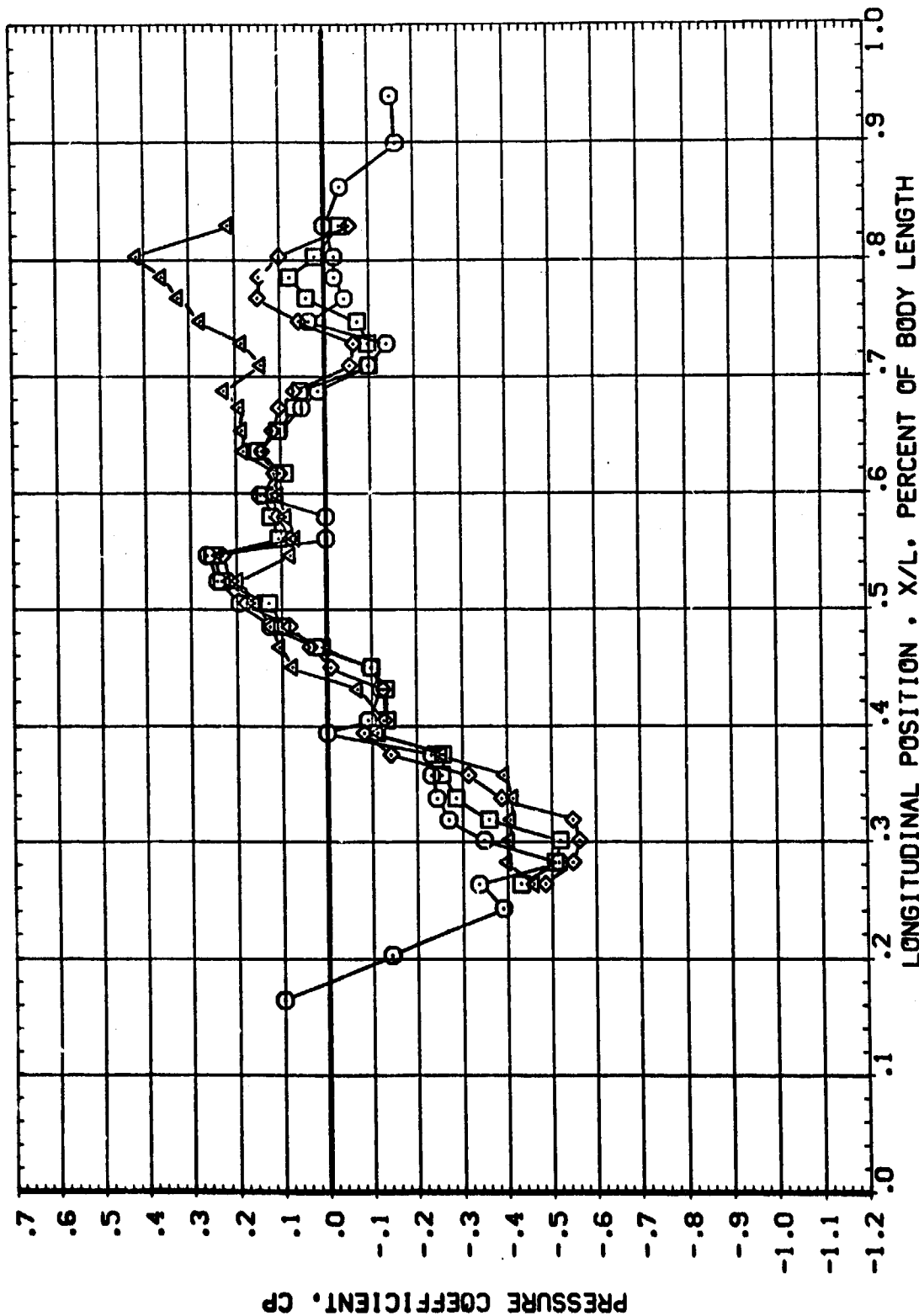
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
○	90.000	2.294	1.158	.000	.000	.000	
□	100.000			.000			
◇	110.000						
△	180.000			RV/L	4.000		



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 64 630 P. PRESSURE VENTING - INTEG. VEHICLE (REB0004)

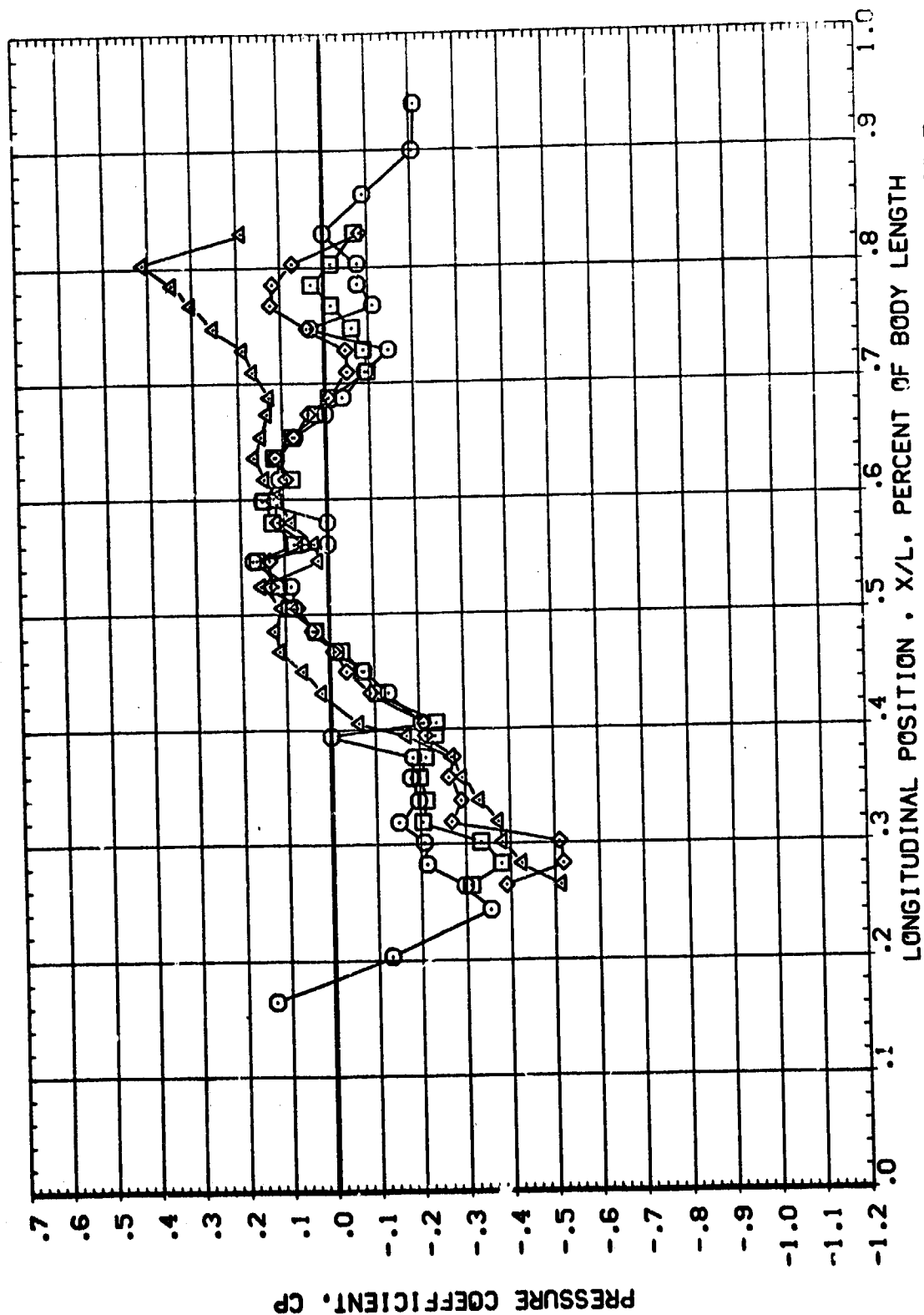
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES		
○	20.000	4.410	1.146	BETA	.000	ELEVTR
□	100.000			AIRRON	.000	RUDER
◇	110.000			RN/L	4.000	
△	180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

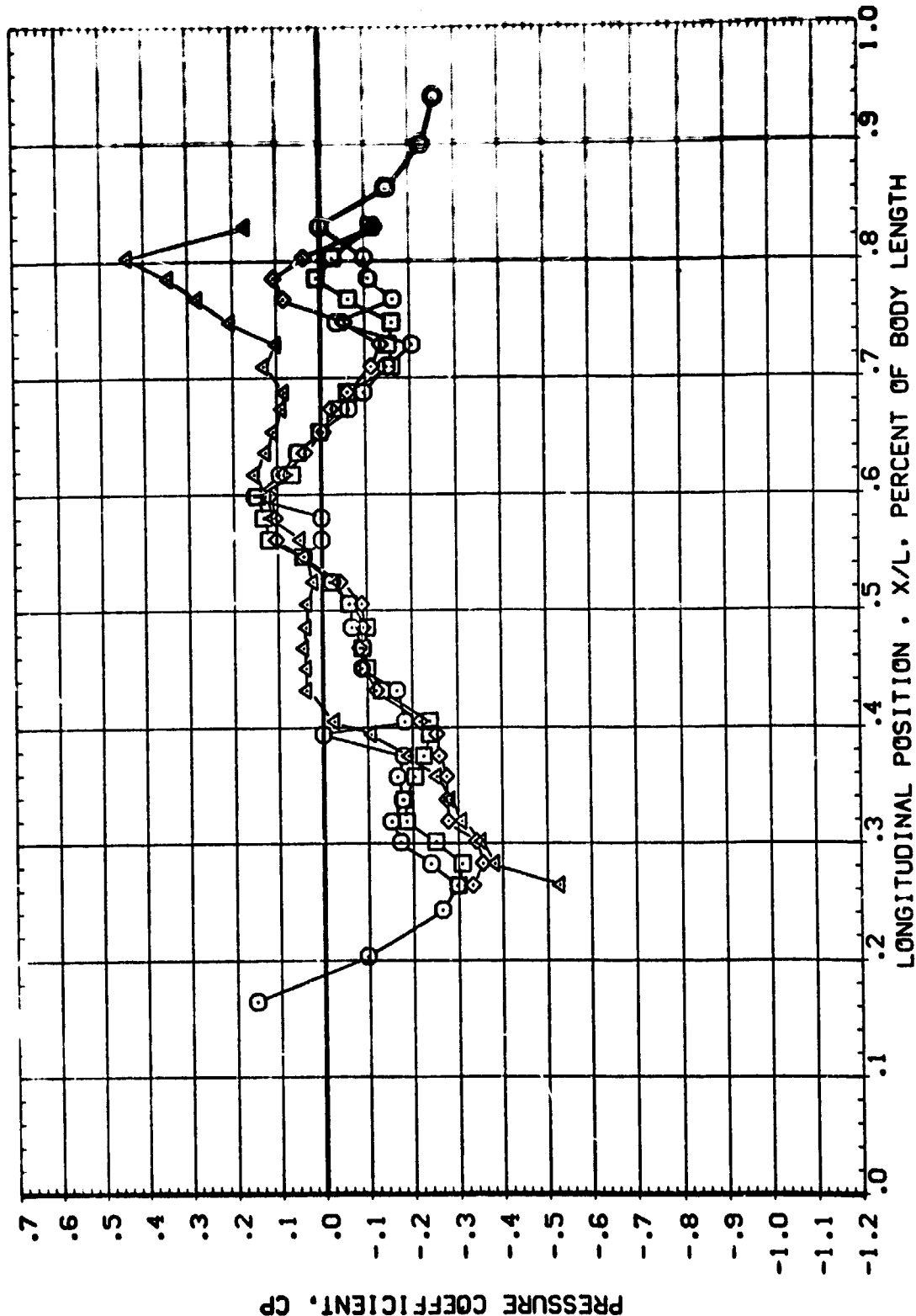
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	6.525	1.147	AILRON	.000
□	100.000			RN/L	.000
◇	110.000				4.000
△	180.000				



AMES 630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

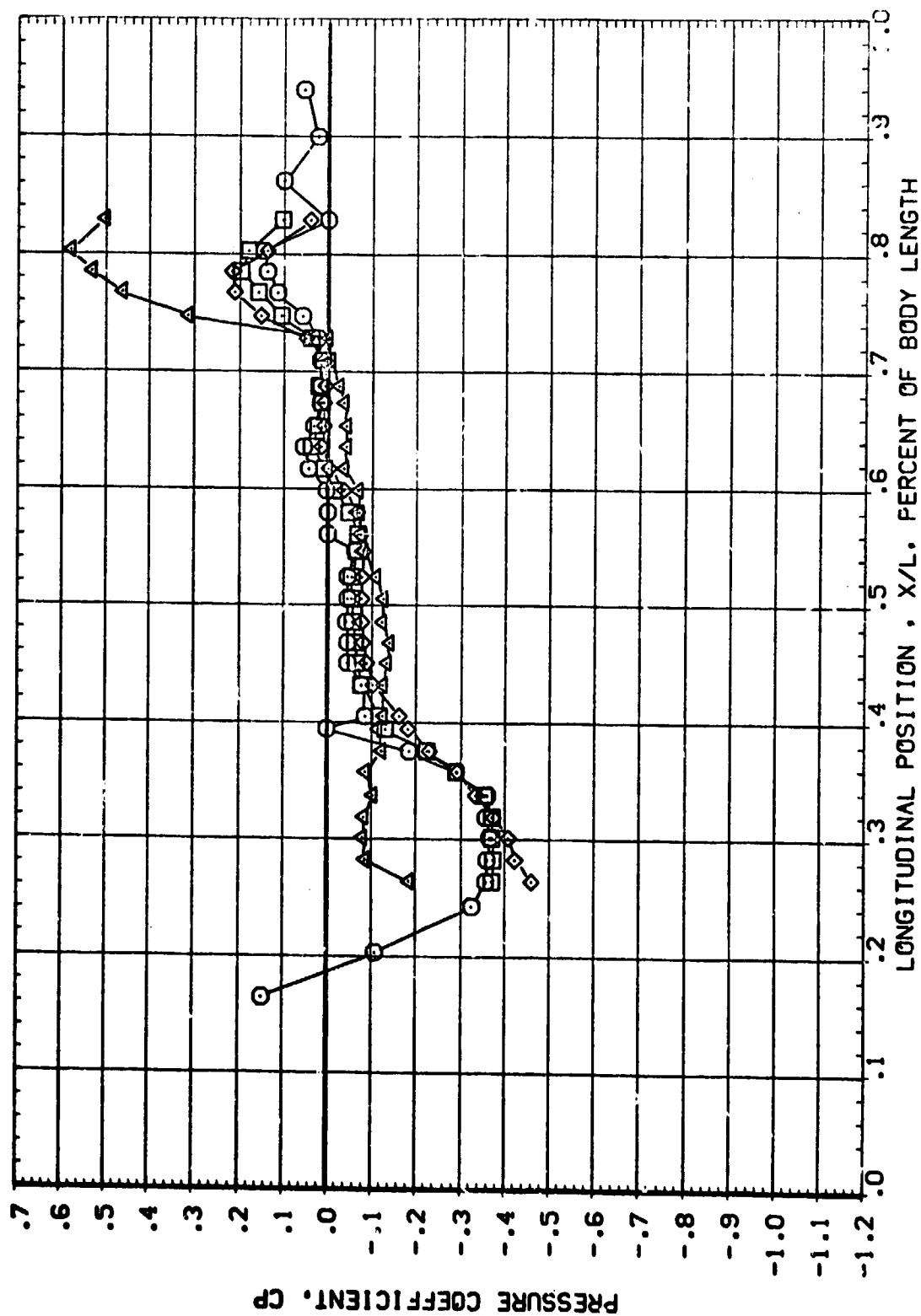
PHI	ALFA	PACH	PARAMETRIC VALUES	
90.000	8.669	1.150	BETA	.000
100.000			AILRON	.000
110.000			RN/L	4.000
180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

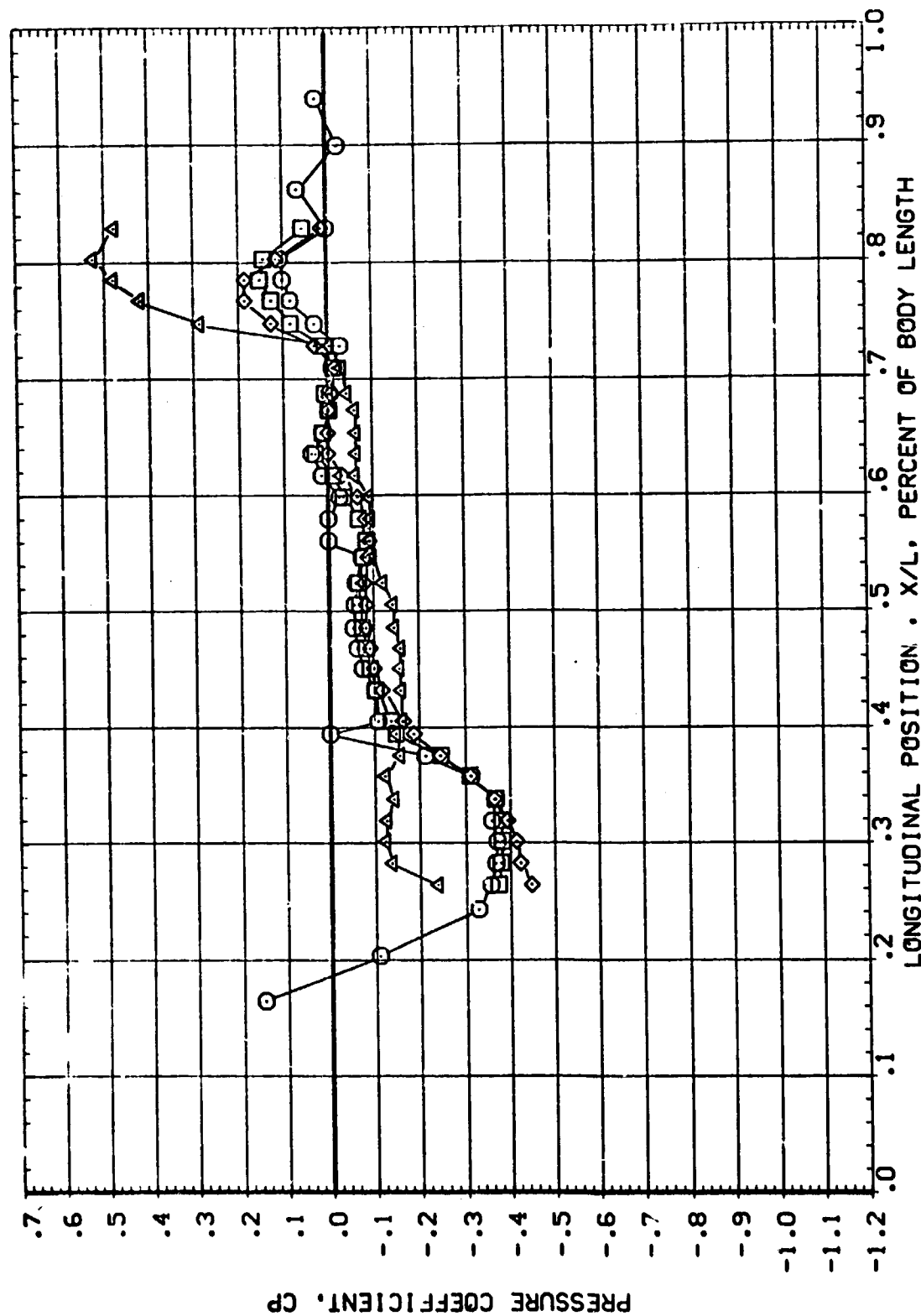
SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RVL	PARAMETRIC VALUES	ELEVTR	RUDDER
○	90.000	-8.410	1.250	.000	.000	4.000			
□	100.000								
◇	110.000								
△	180.000								



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

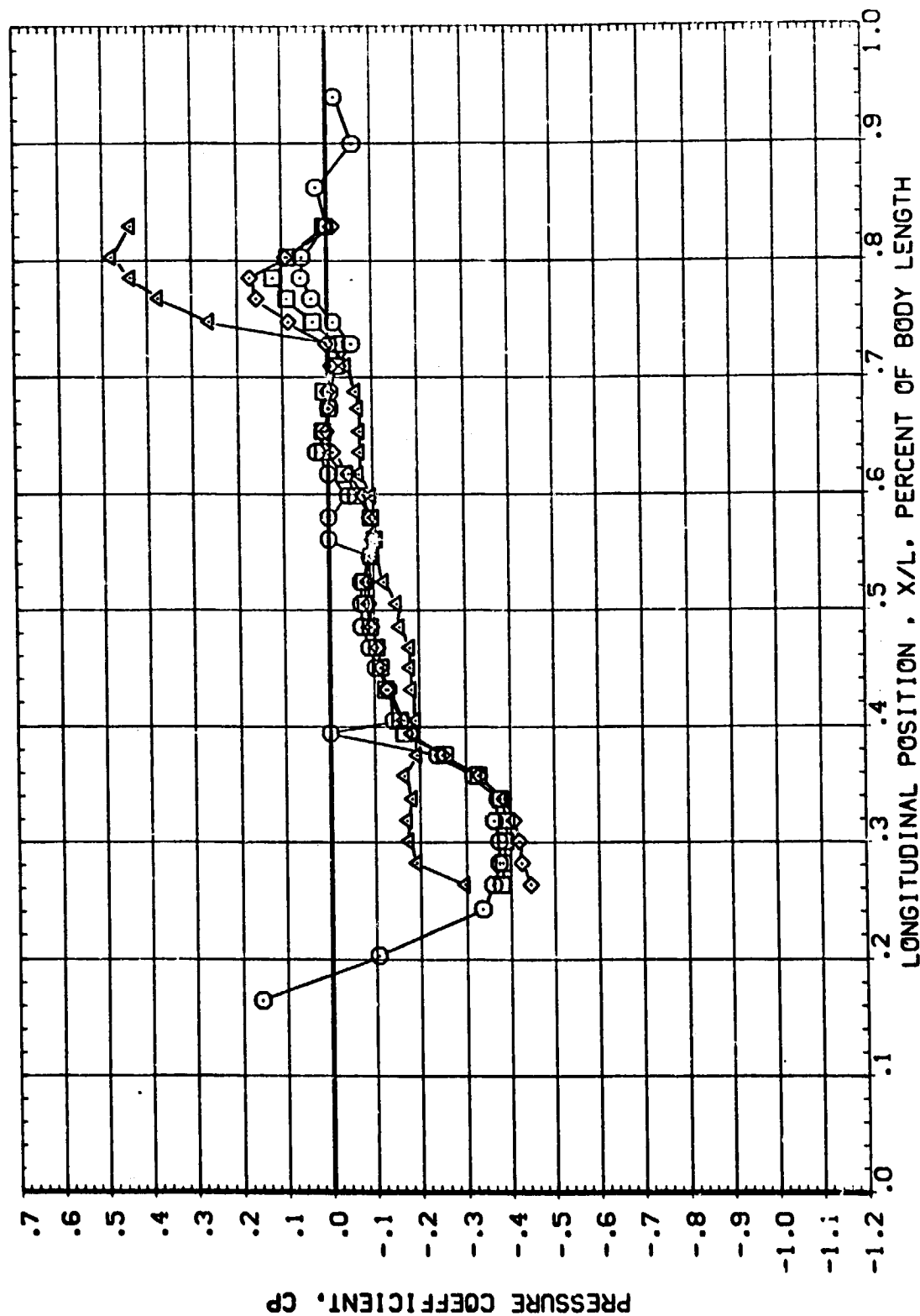
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-6.000	1.250	AILRON	.000 ELEVTR
□	100.000			RN/L	.000 RUDDER
◇	110.000				4.000
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

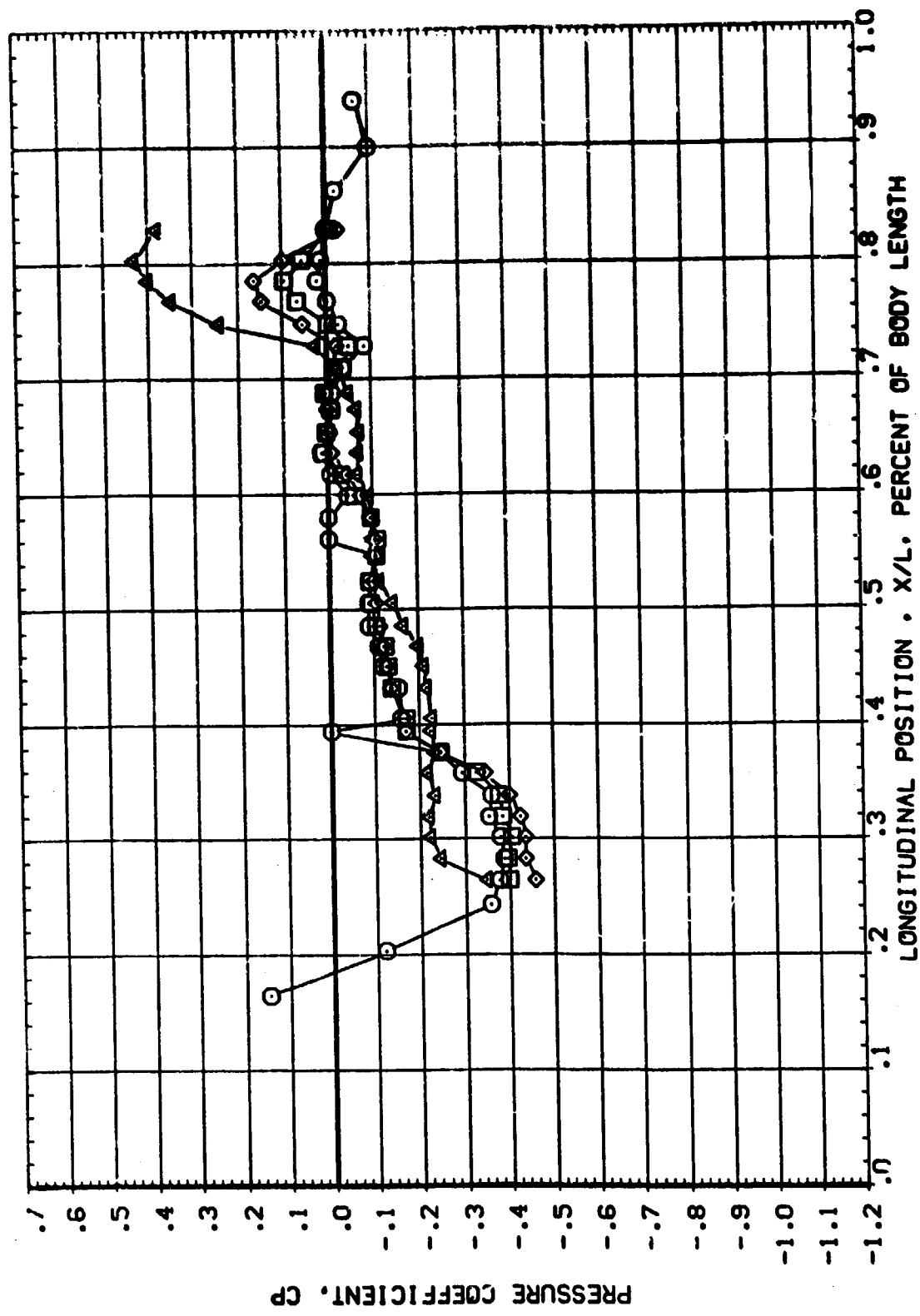
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-4.112	1.250	AILRON	.000
□	100.000			RVL	.000
◇	110.000				4.000
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 6000, PRESSURE VENTING - INTEG. VEHICLE (RE8004)

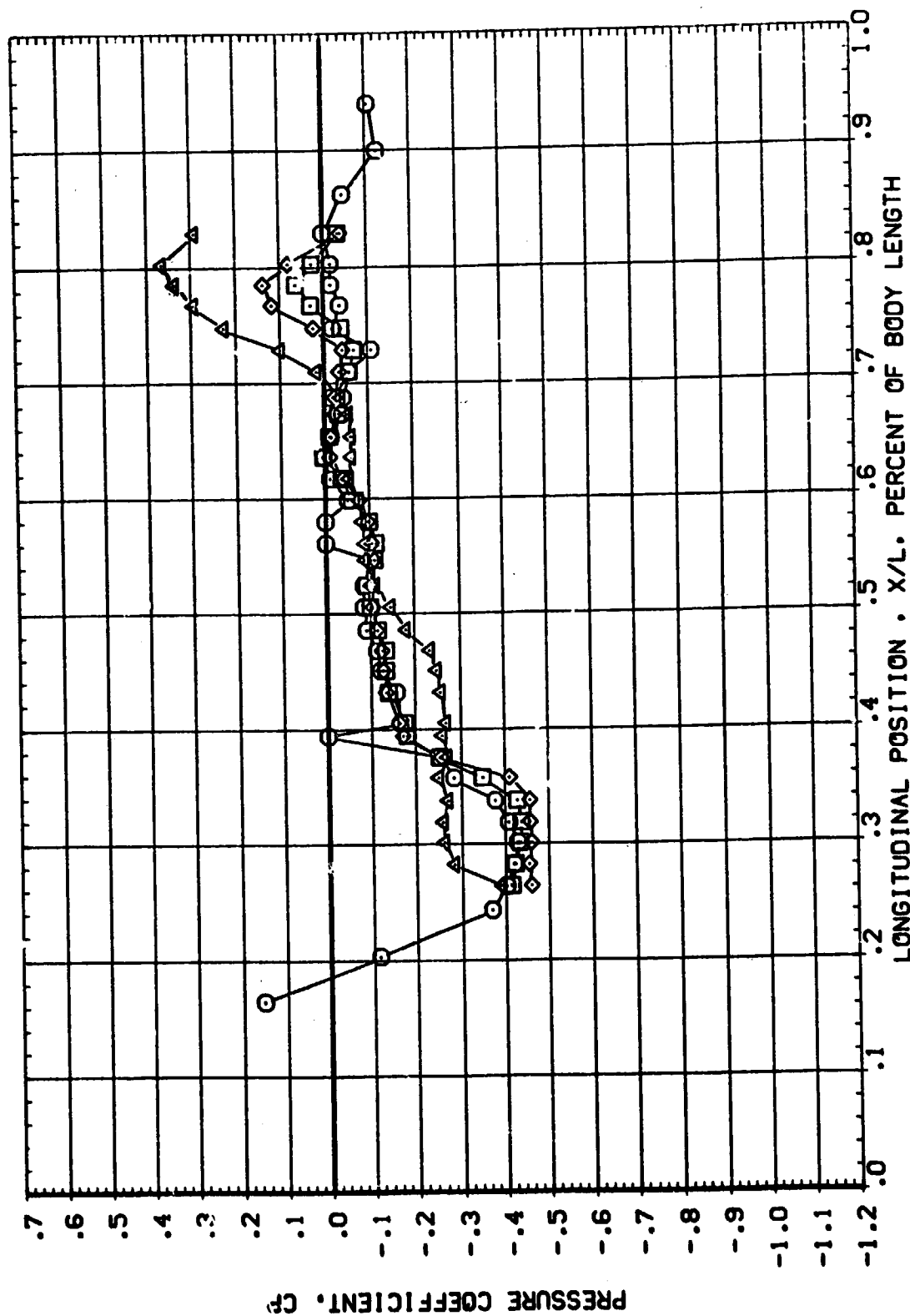
SYMBOL	PHI	ALPHA	MACH	BETA	ELEVTR
□	90.000	-2.036	1.250	.000	.000
◇	100.000			.000	
△	110.000			4.000	
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 68-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

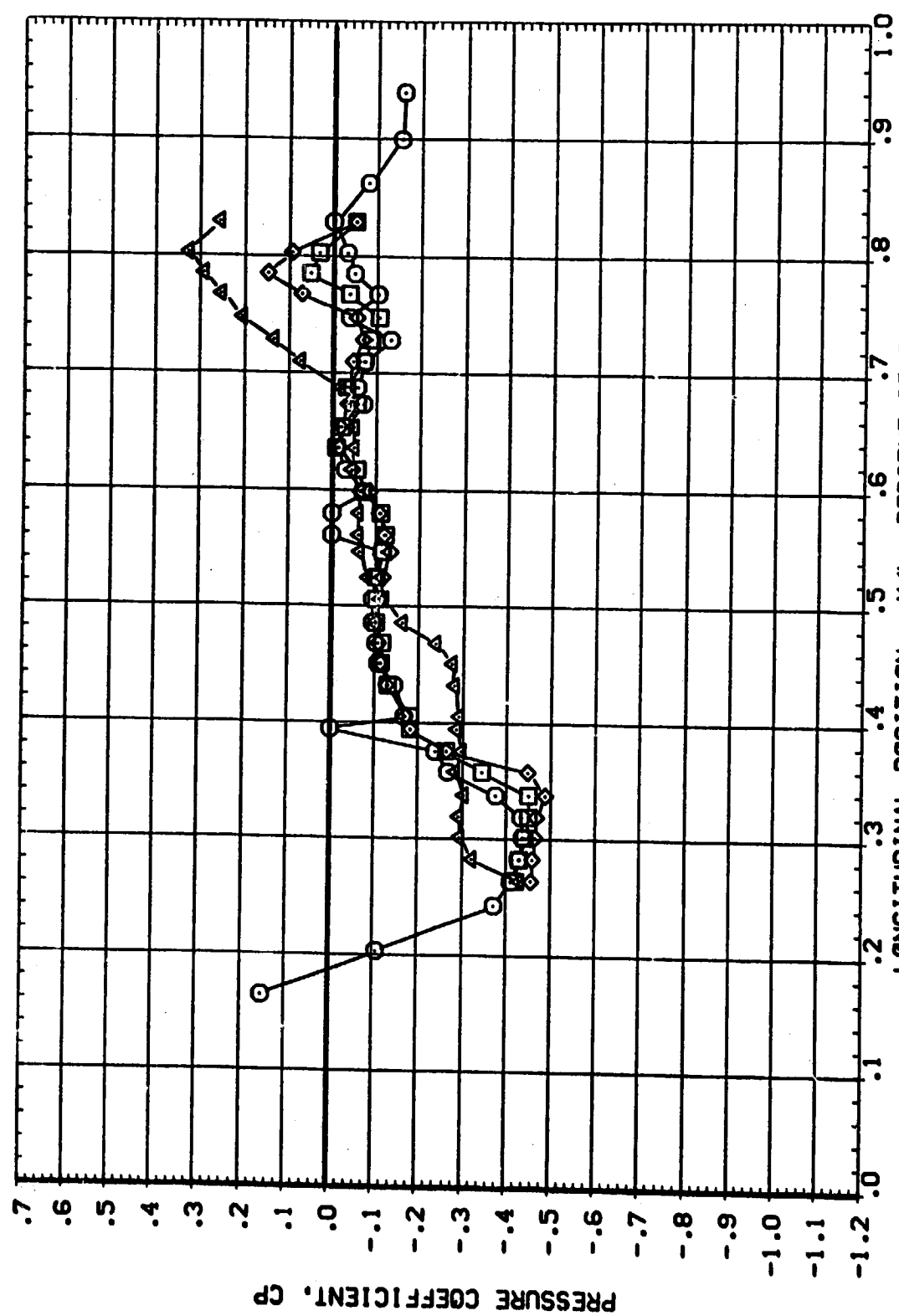
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	90.000	.123	1.250	AIRLON	.000 ELEVTR
◇	100.000			RN/L	.000 RUDDER
△	110.000				4.000
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

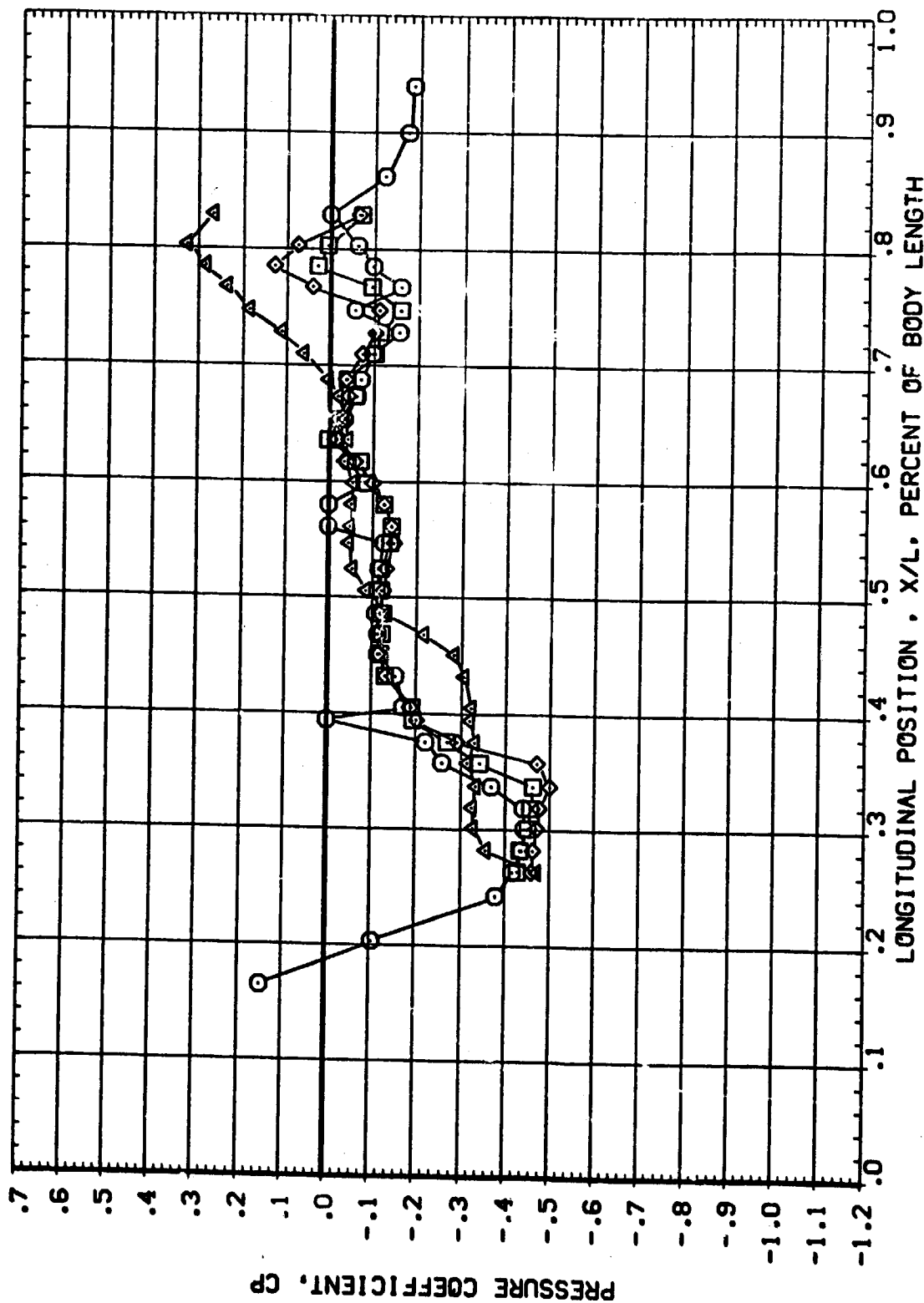
MES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	2.237	1.251	AILRON	.000 ELEVTR .000
□	100.000			RN/L	4.000 RUDDER .000
◇	110.000				
△	130.000				



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PMI	ALPHA	MACH	PARAMETRIC VALUES			
○	90.000	4.332	1.250	BETA	.000	ELEVTR	.000
□	100.000			AIRRON	.000	RUDER	.000
△	110.000			RV/L	4.000		
	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

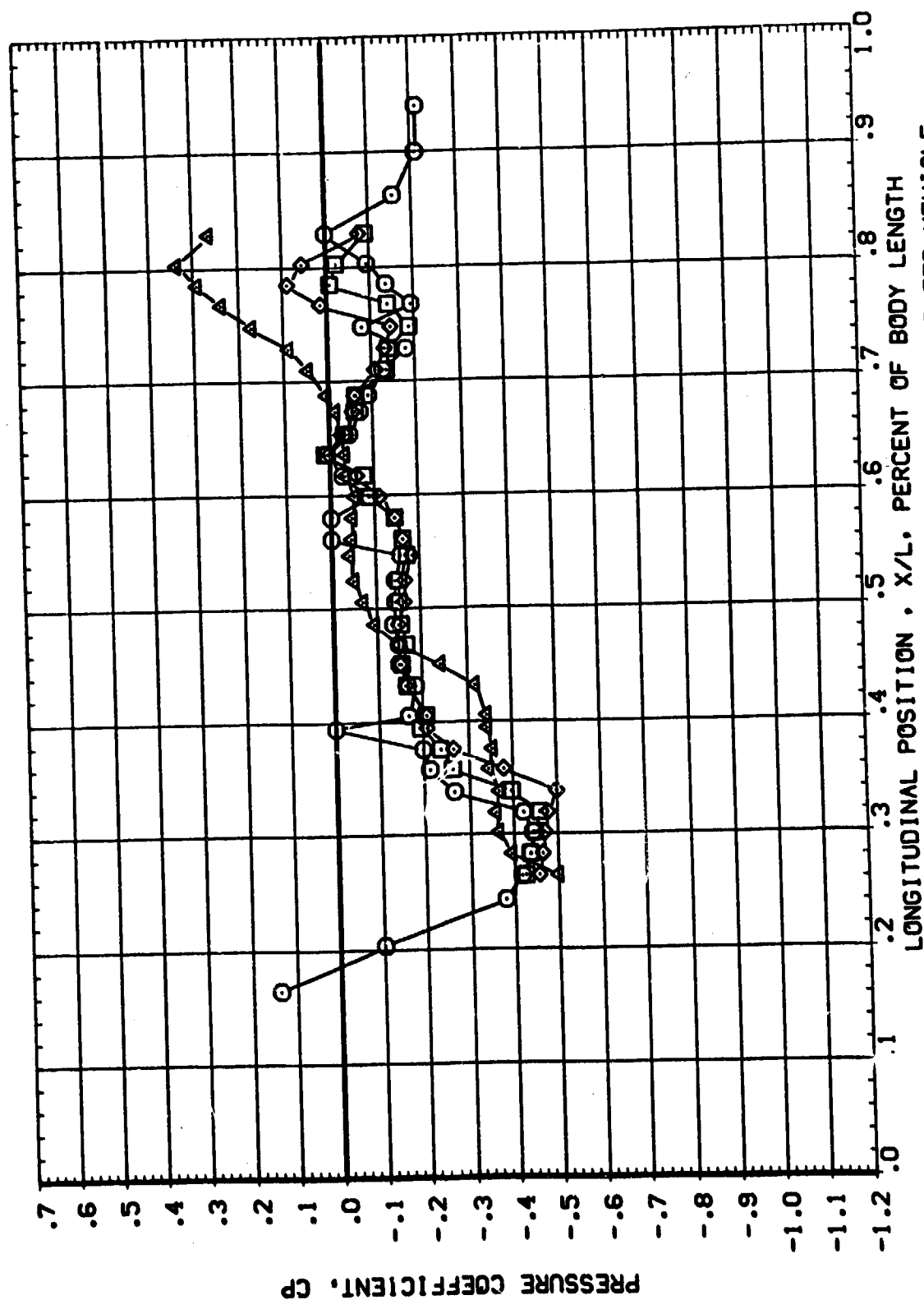


AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REJ004)

SYMBOL PH1 ALPHA MACH
90.000
100.000
110.000
180.000

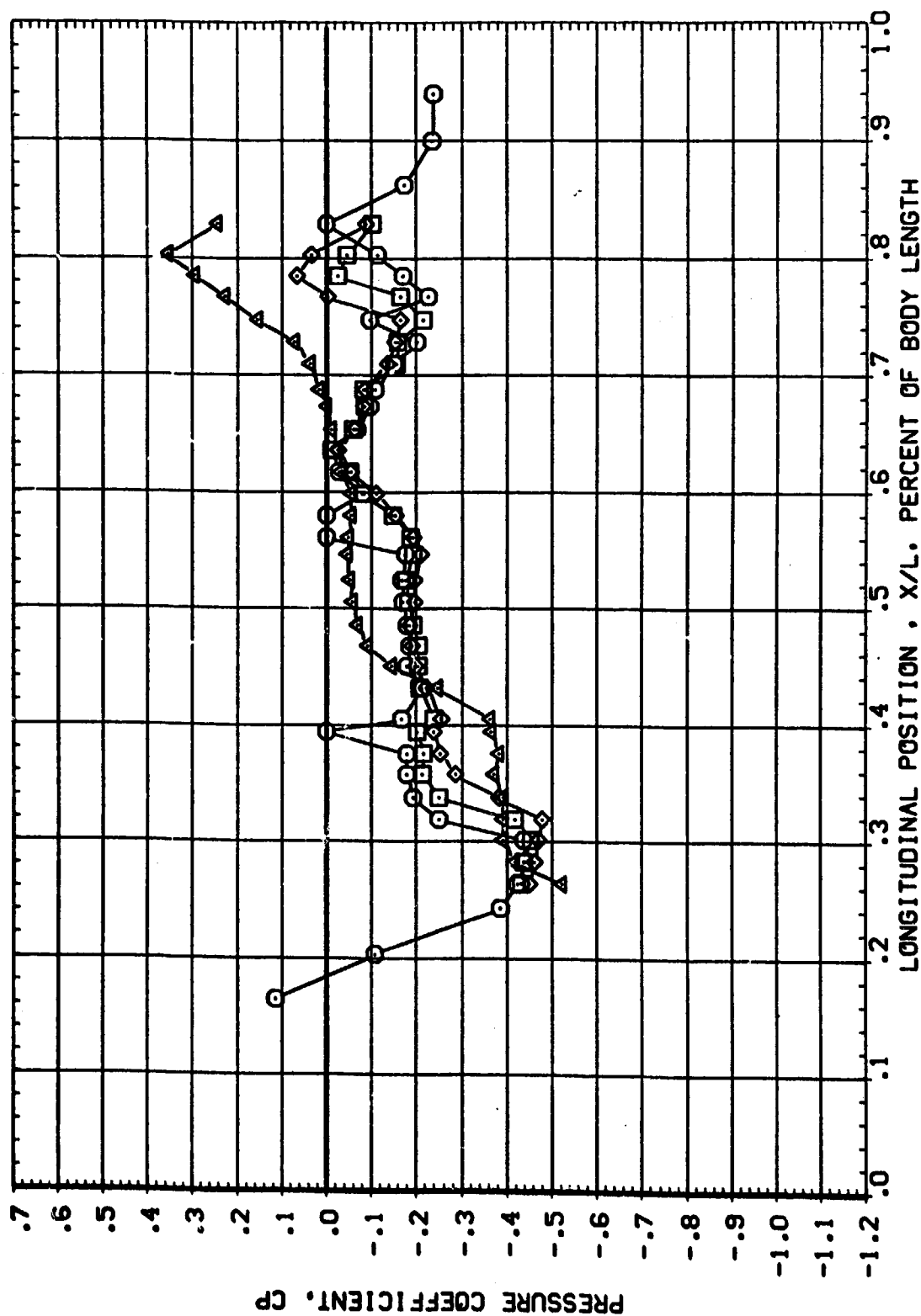
ALPHA MACH
6.444 1.250

PARAMETRIC VALUES
BETA .000 ELEVTR .000
AIRLON .000 RUDDER .000
RW/L 4.000



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SWBD	PHI	ALPHA	MACH	PARAMETRIC VALUES		
○	50.000	8.649	1.249	BETA	.000	ELEVTR
□	100.000			AIRRON	.000	RUDER
◇	110.000			RVAL	4.000	
△	180.000					

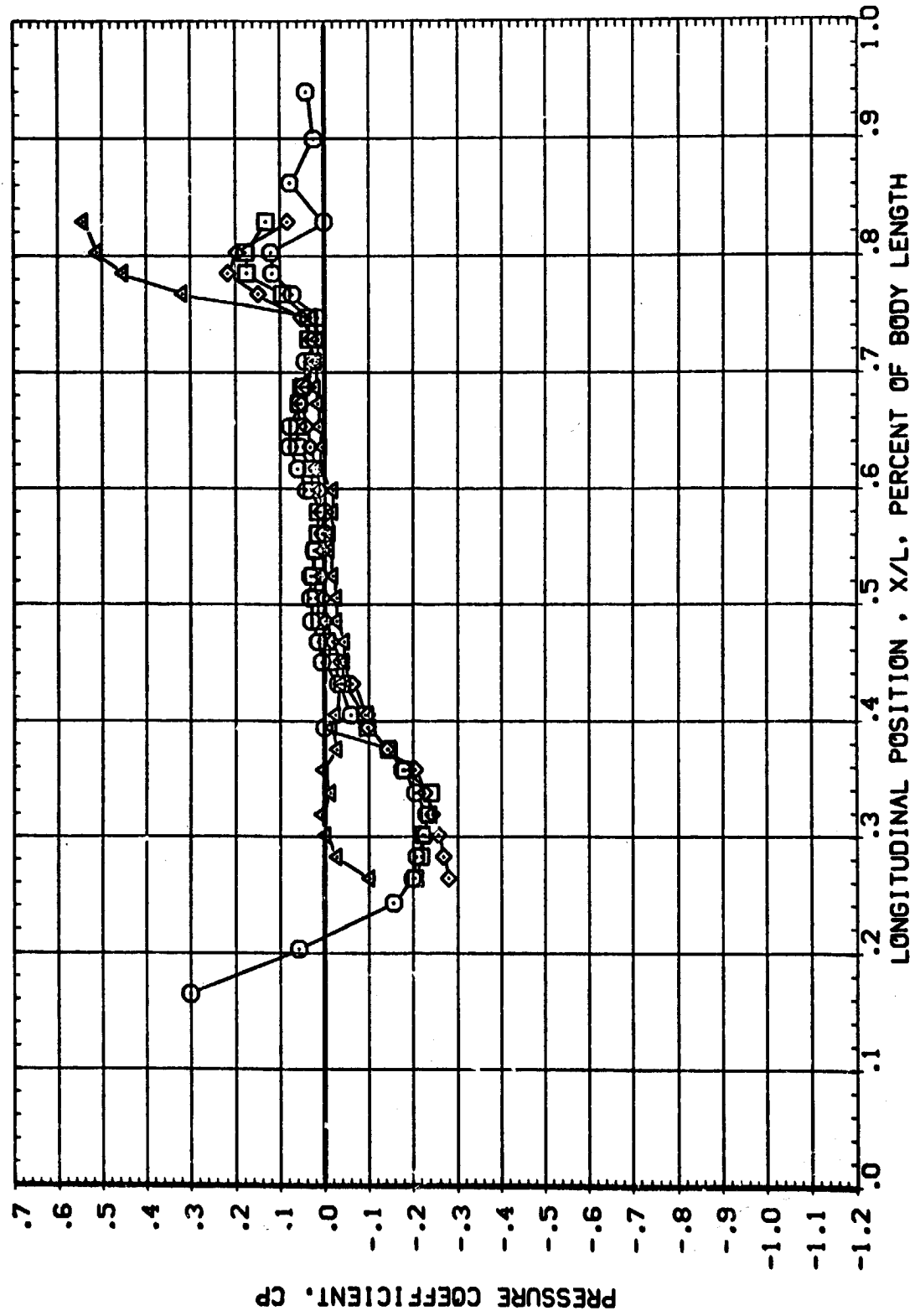


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBO	PHI	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	.000
○	30.000	-8.613	1.500	AILRON	RUDER	.000
□	100.000			RNVL		4.000
◇	110.000					
△	180.000					



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL

PHI

90.000
100.000
110.000
180.000

ALPHA

-6.366

MACH

1.500

PARAMETRIC VALUES

BETA

.000

ELEVTR

.000

AILRON

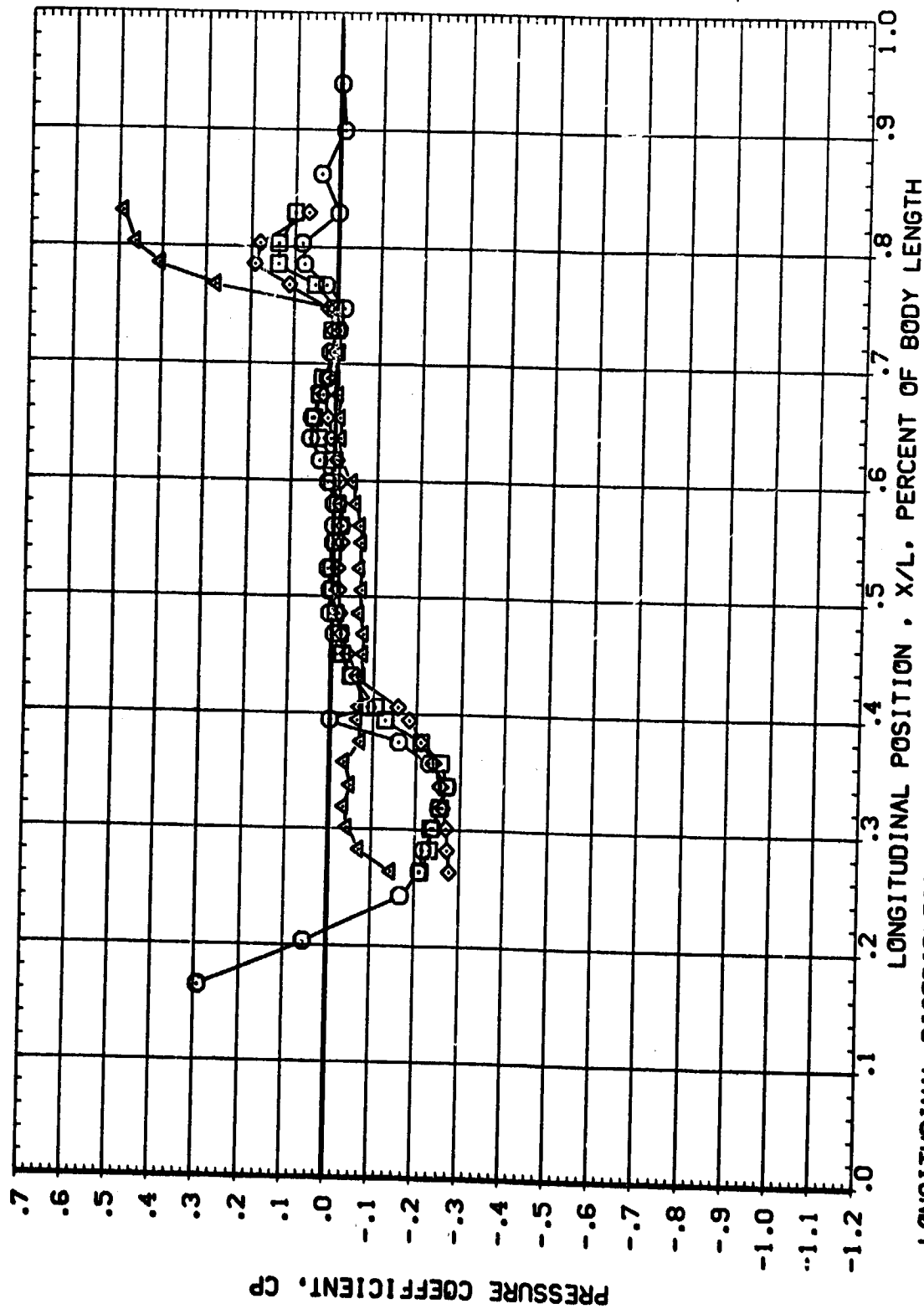
.000

RUDDER

.000

RNVL

4.000

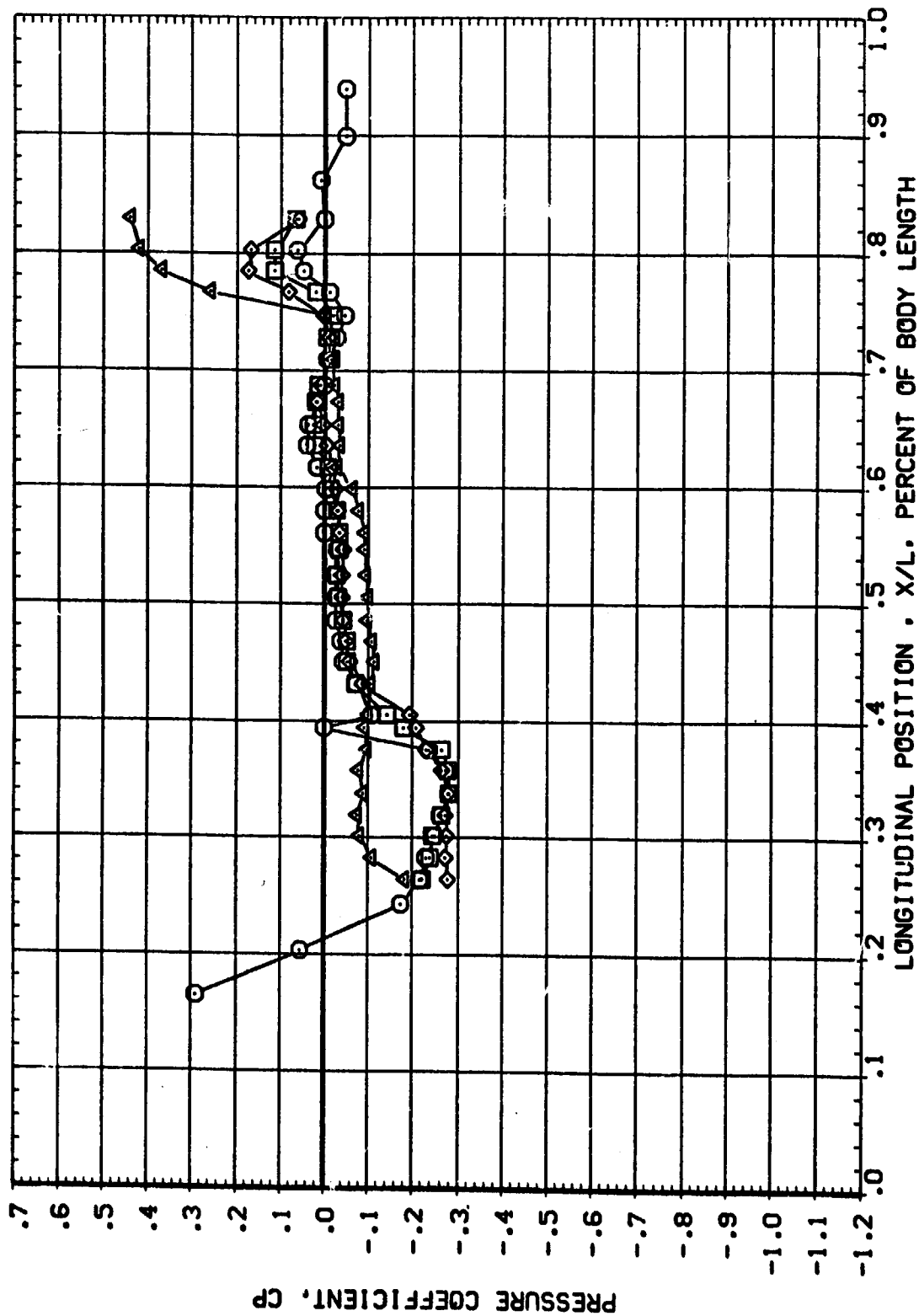


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

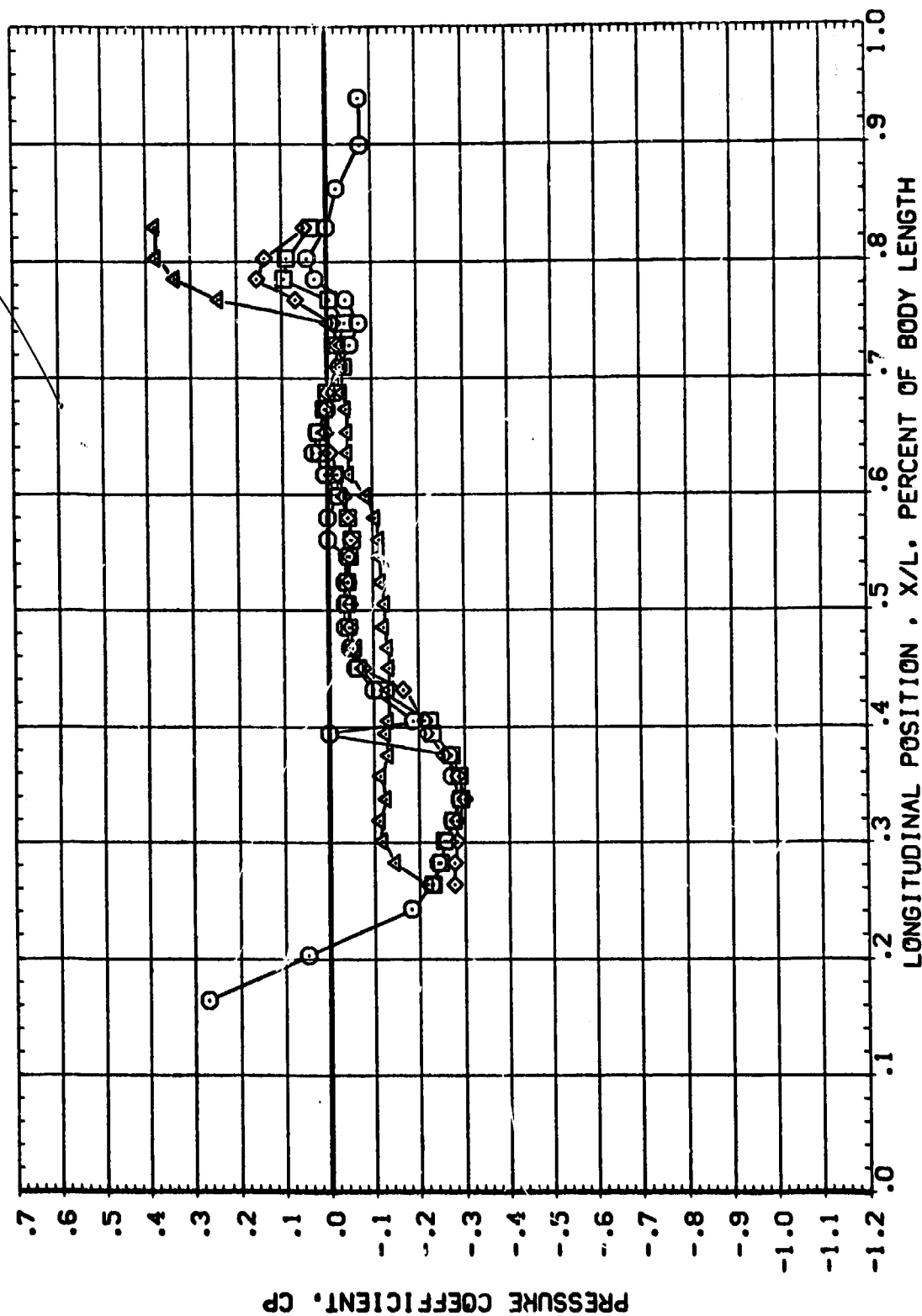
SYMBOL	PMI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
○	90.000	-4.35d	1.499	AILRON	.000	RUDER	.000
□	100.000			RM/L	4.000		
◇	110.000						
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

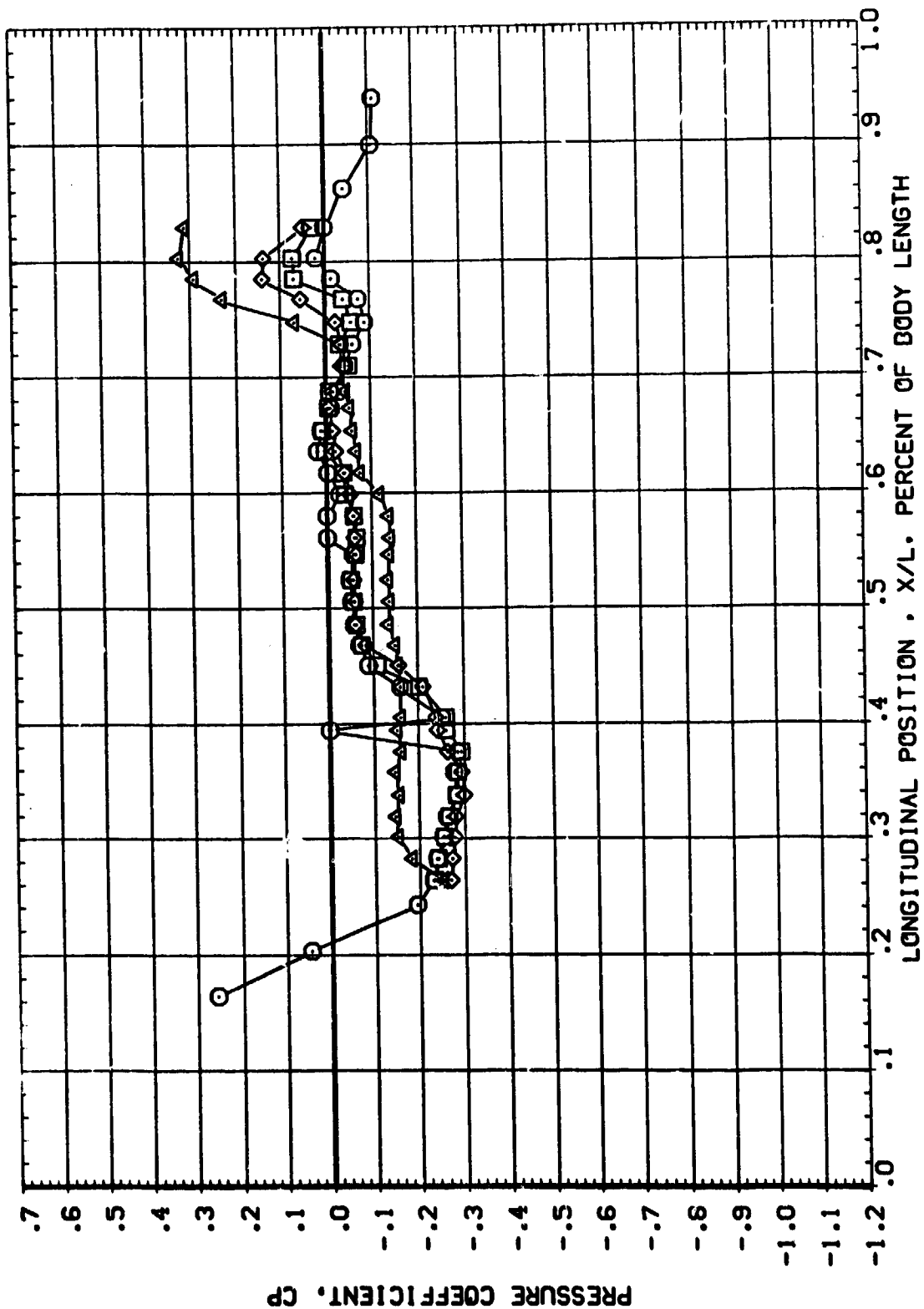
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-2.159	1.501	.000	ELEVTR .000
□	100.000			.000	RUDER .000
◇	110.000			4.000	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES BODY-30 PRESSURE VENTING - INTEG. VEHICLE (REB004)

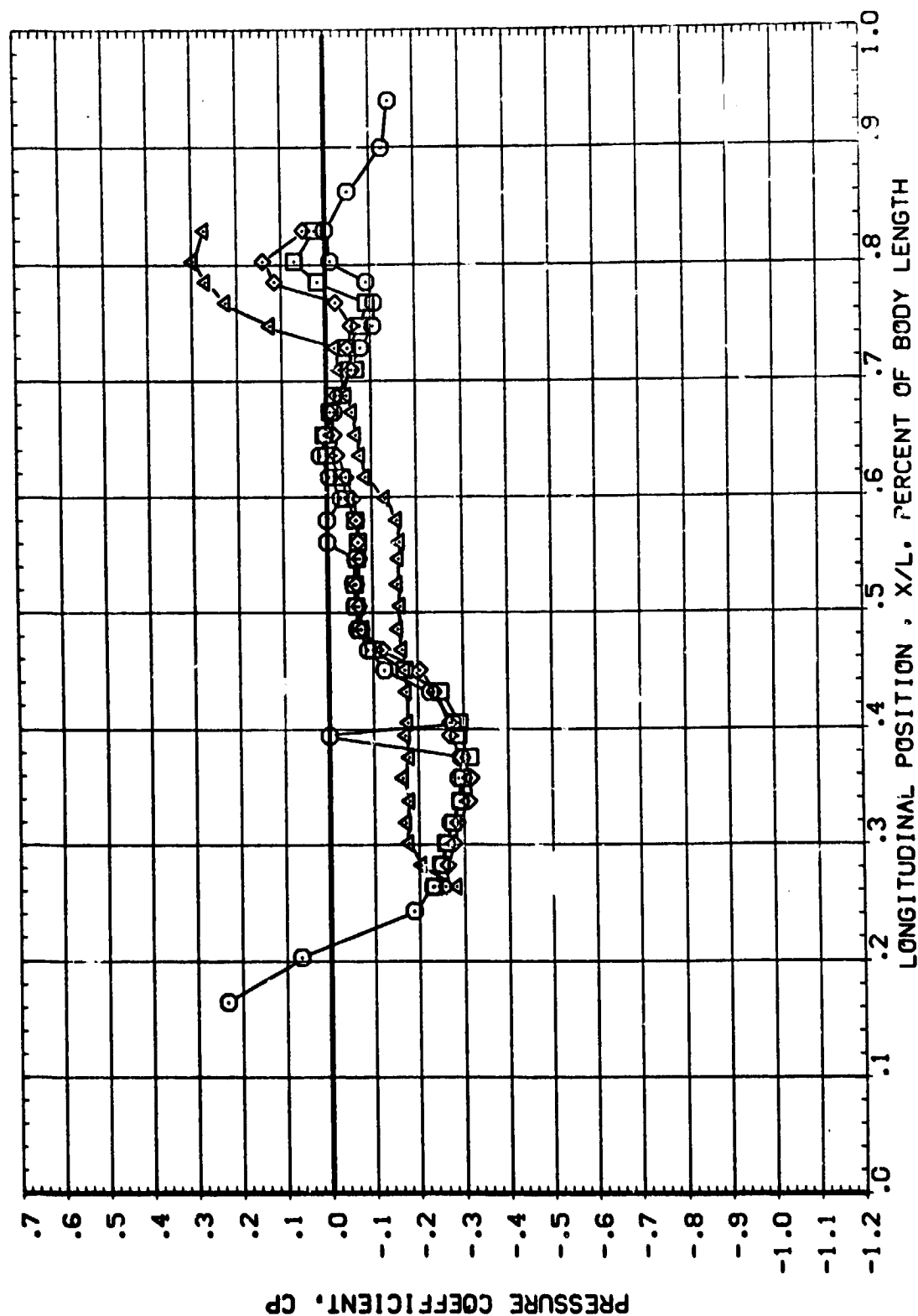
SYMB	PM	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90,000	-1.0	1.459	AIRLON	.000 ELEVTR
□	100,000			RN/L	.000 RUDDER
◇	110,000				4.000
△	180,000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	2.110	1.499	AILRON	.000
□	100.000			RN/L	.000
◇	110.000				4.000
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



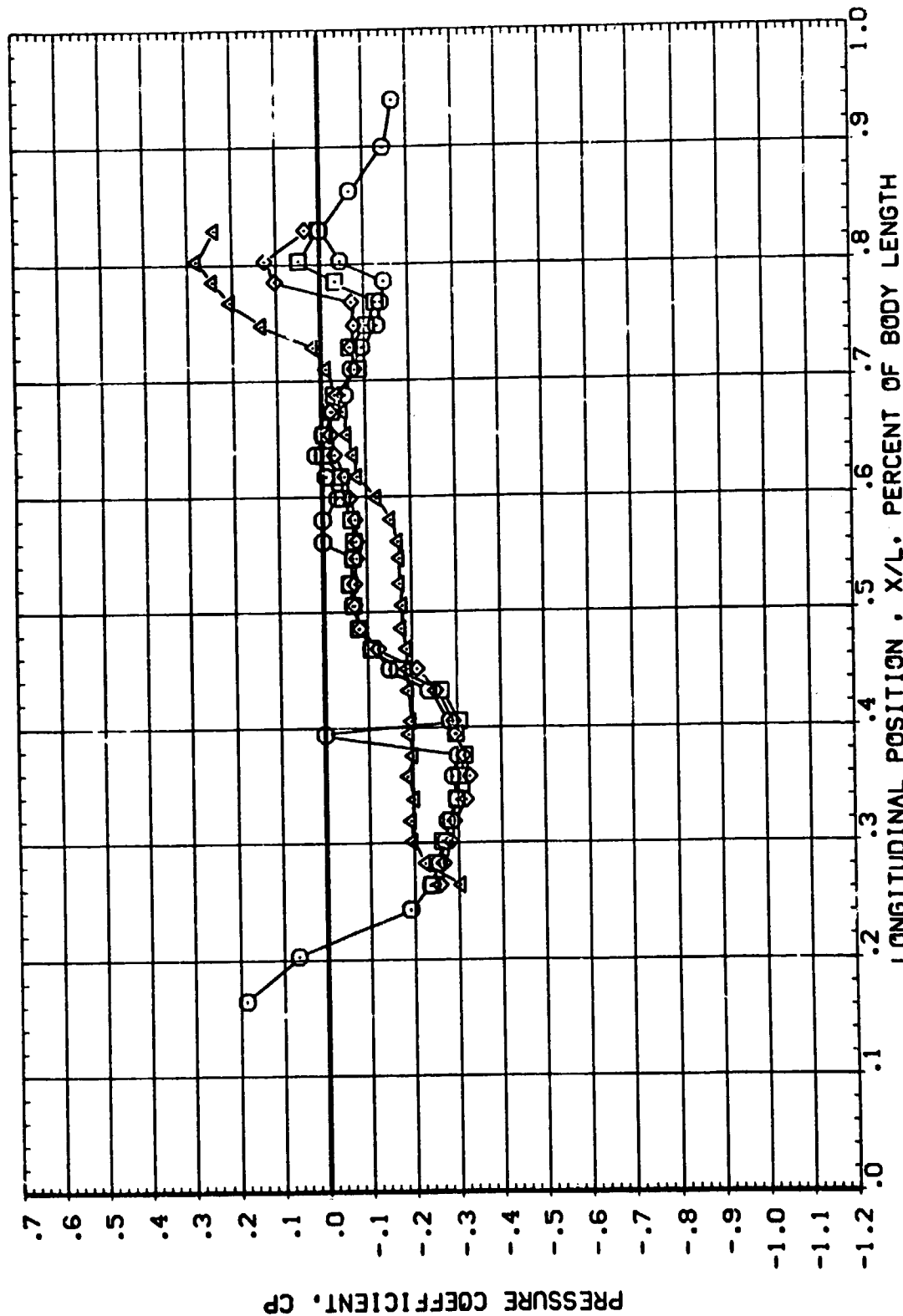
AMES 66-30 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL
□ 90.000
◇ 100.000
△ 110.000
△ 180.000

ALPHA
4.214

MACH
1.500

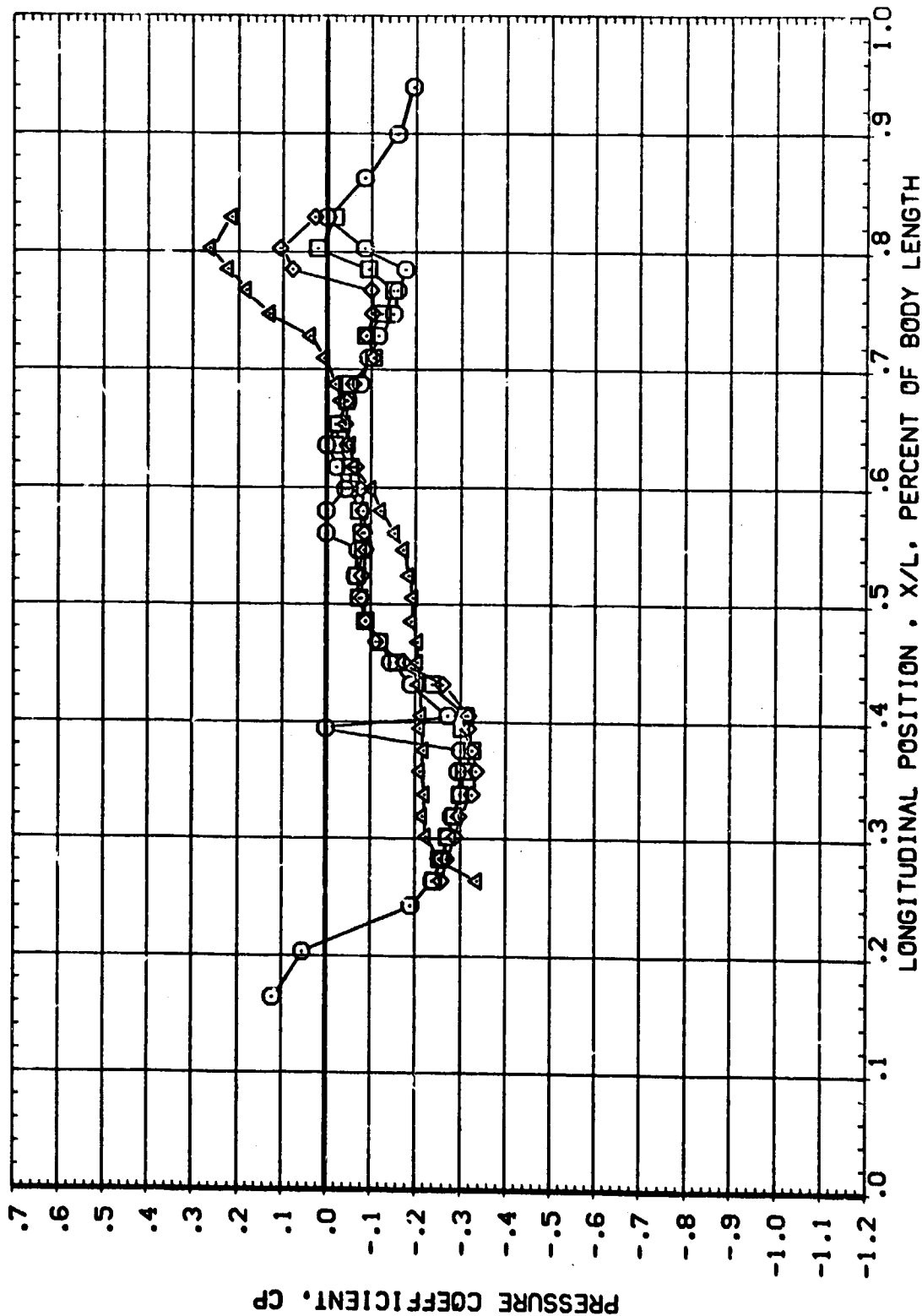
PARAMETRIC VALUES
BETA .000
AILRON .000
RNL 4.000
ELEVTR .000
RUDDER .000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

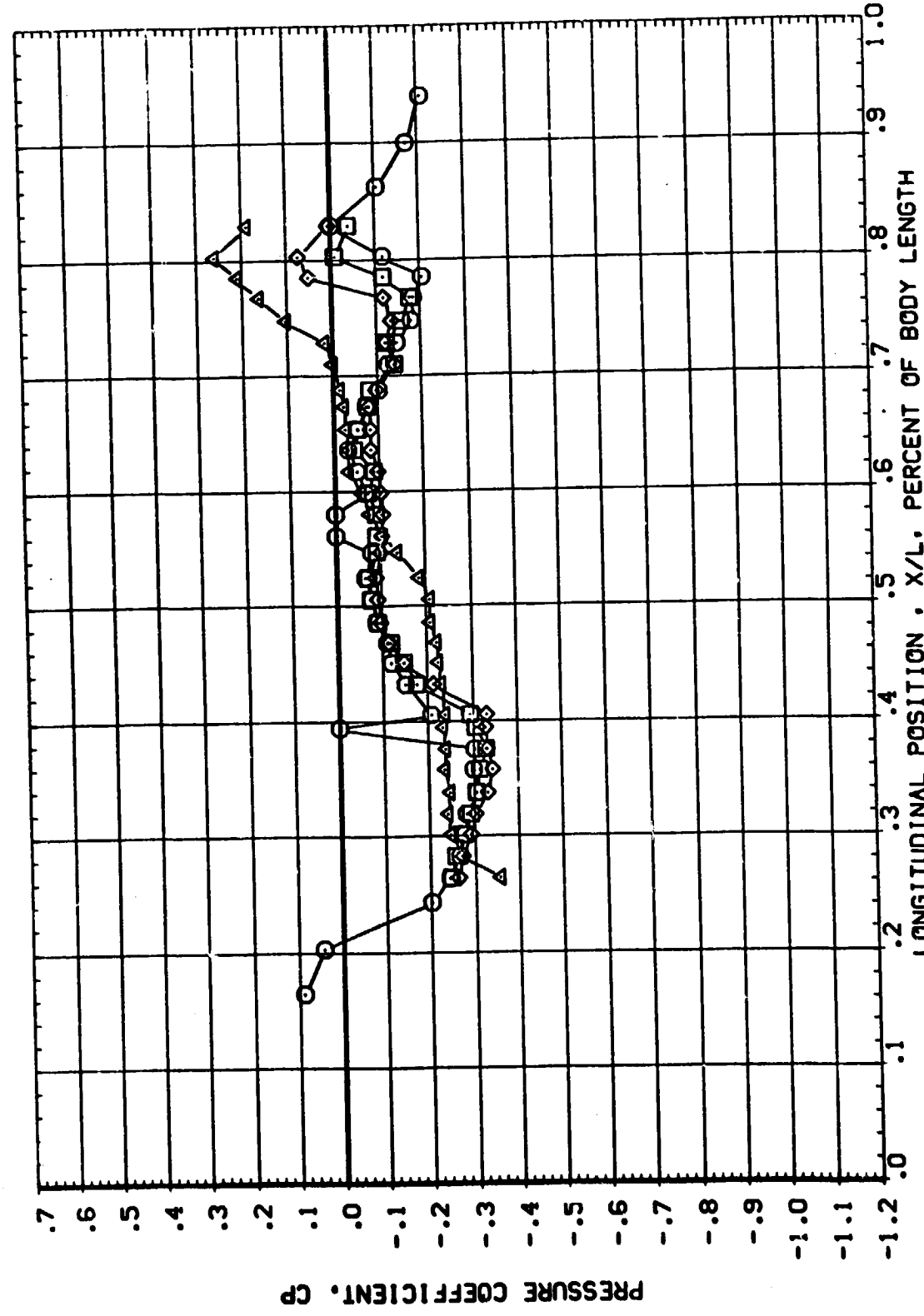
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
○	90.000	6.342	1.499	AILRON	.000	RUDER	.000
□	100.000			RN/L	4.000		
△	110.000						
◇	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 56-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

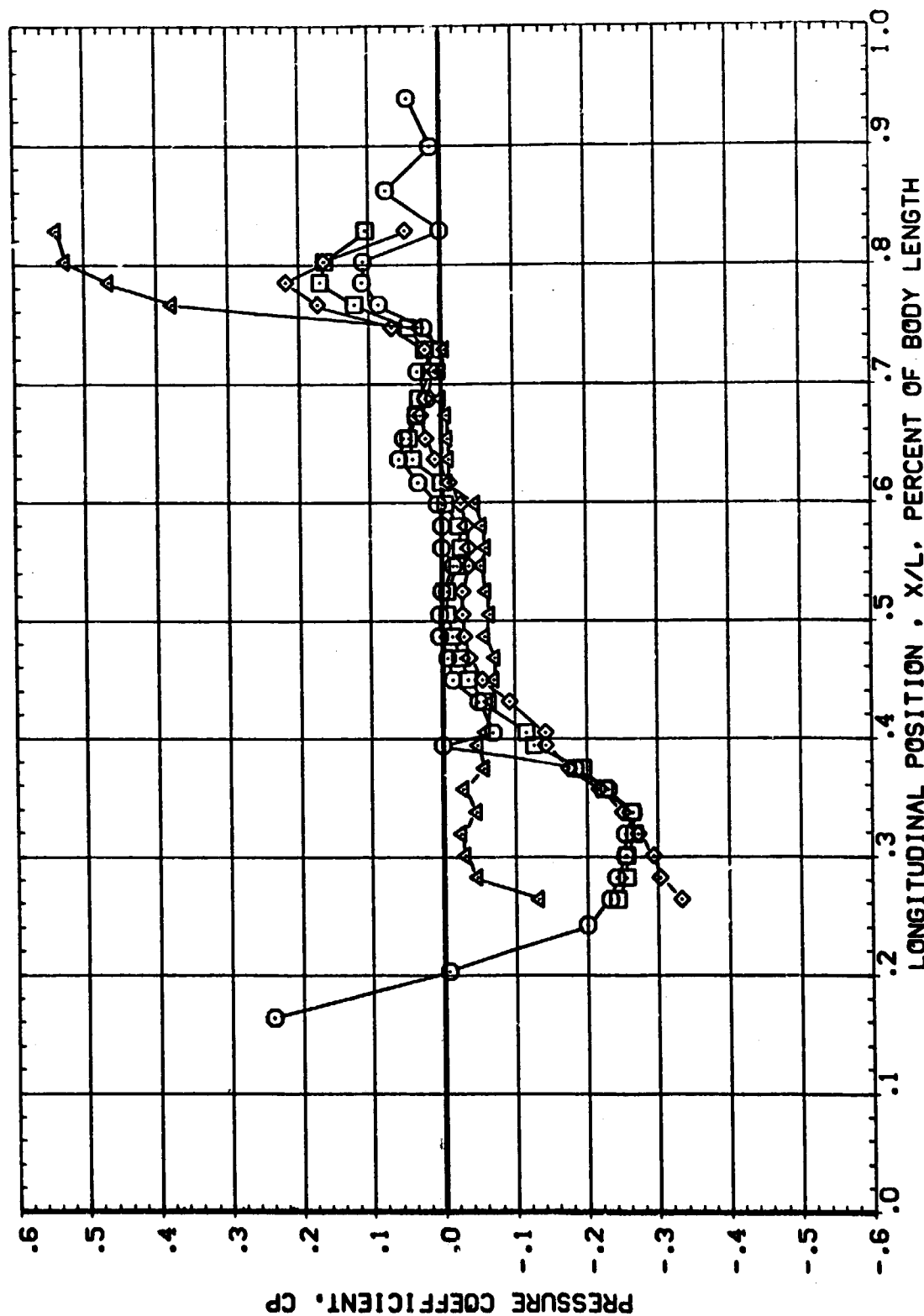
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
◇	90.000	8.733	1.499	BETA	.000	ELEVTR	.000
○	100.000			AILRON	.000	RUDER	.000
△	110.000			RV/L	4.000		
	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

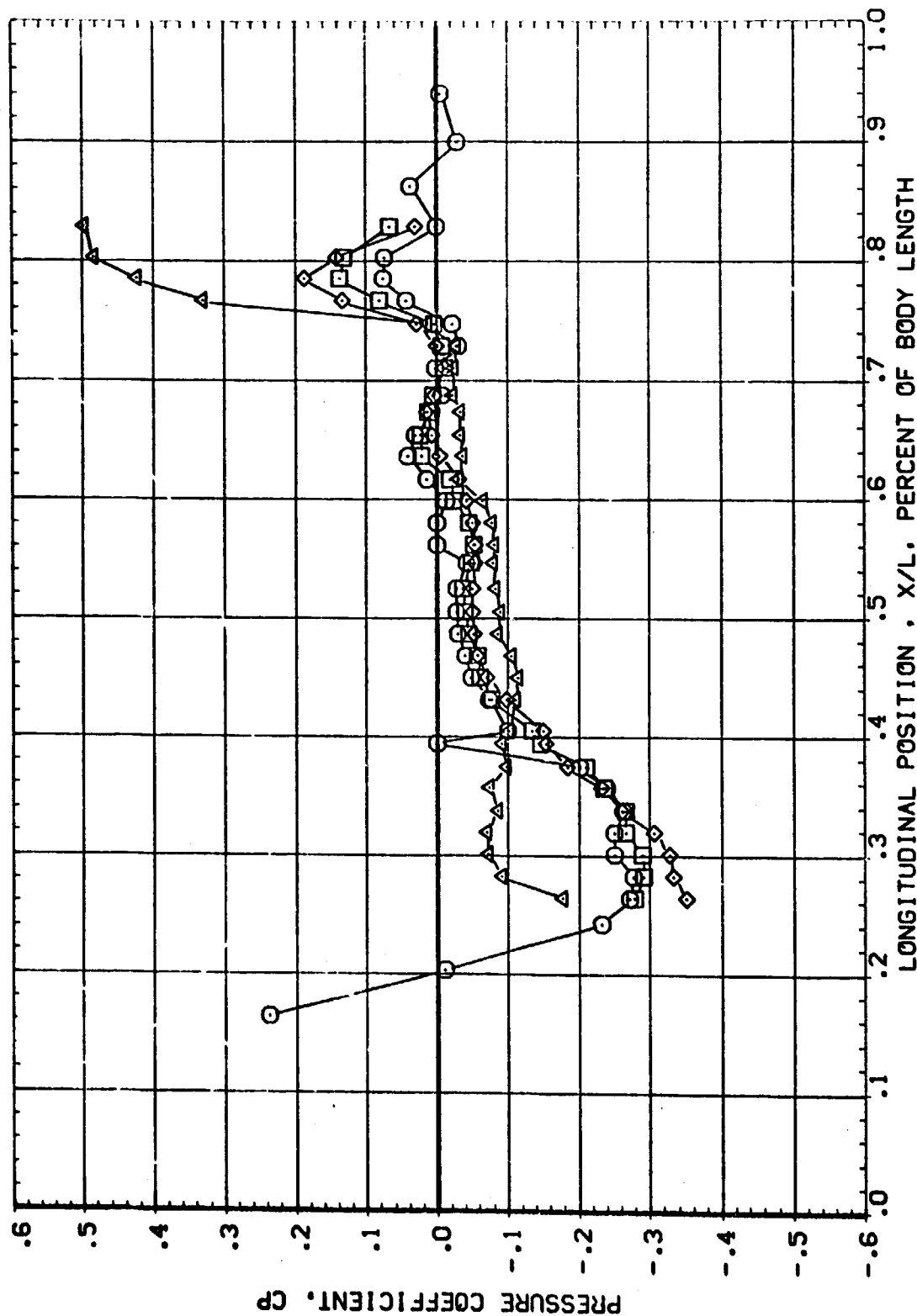
SYMBOL	PHI	ALPHA	MACH	BETA	ELEVTR	RUDER
○	90.000	-8.539	1.399	.000	.000	.000
□	100.000			.000		
◇	110.000			4.300		
△	180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 6 - 630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

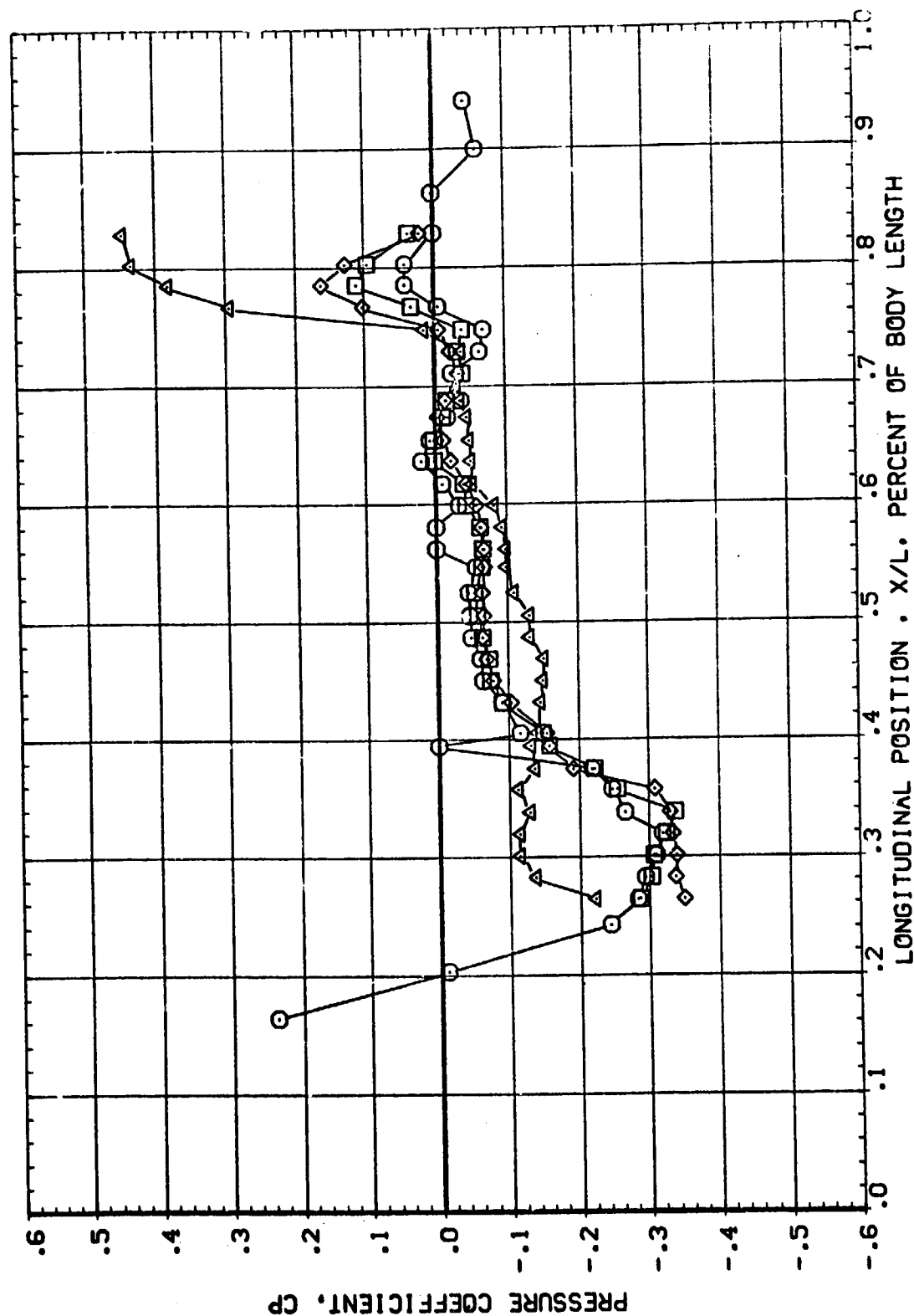
SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-6.453	1.401	AIRLON	.000 ELEVTR
□	100.000			RV/L	.000 RUDDER
◇	110.000				4.300
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

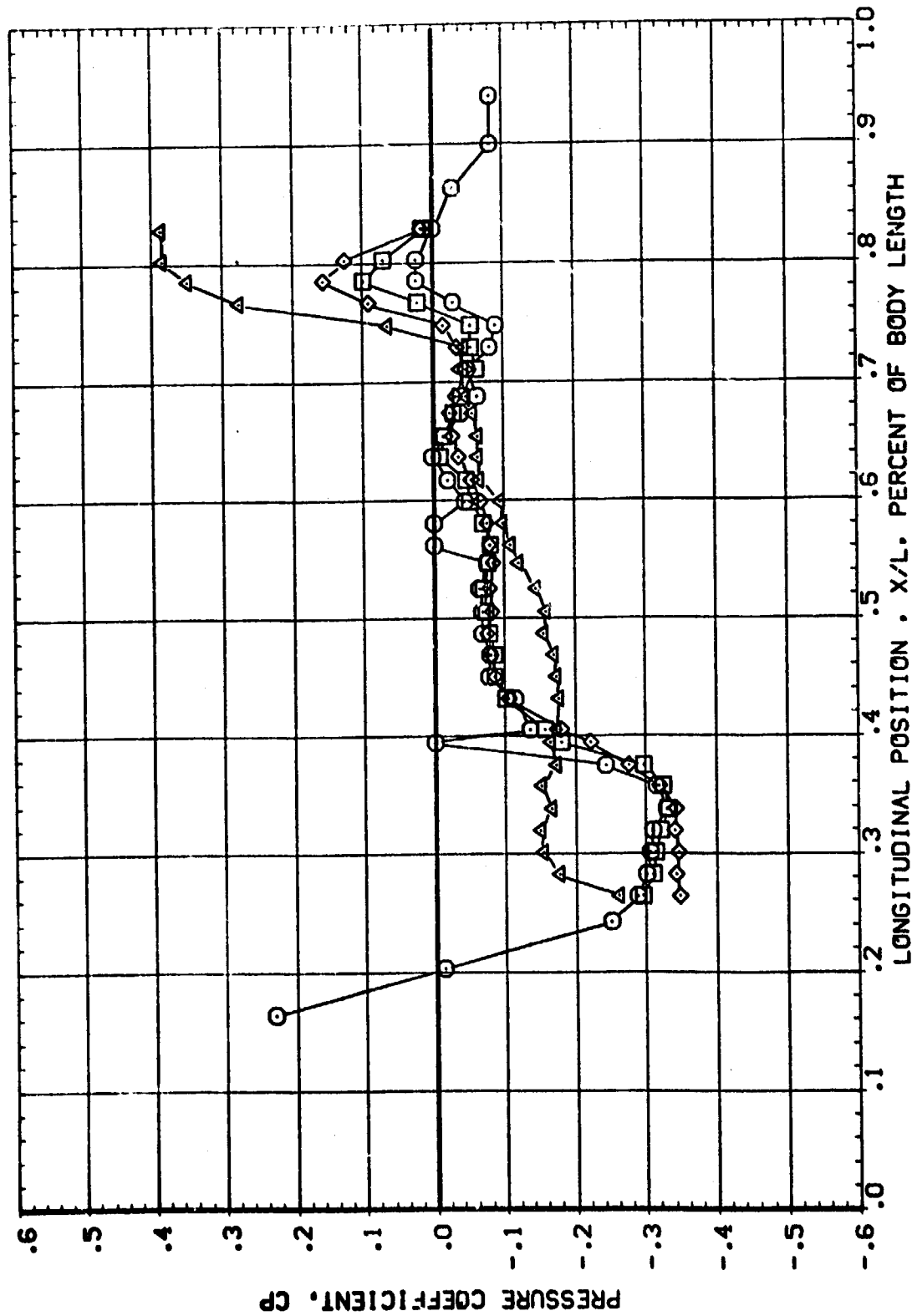
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-4.319	1.400	ATLIRON	.000
□	100.000			RVL	.000
◇	110.000				4.300
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-62 : PRESSURE VENTING - INTEG. VEHICLE (REB005)

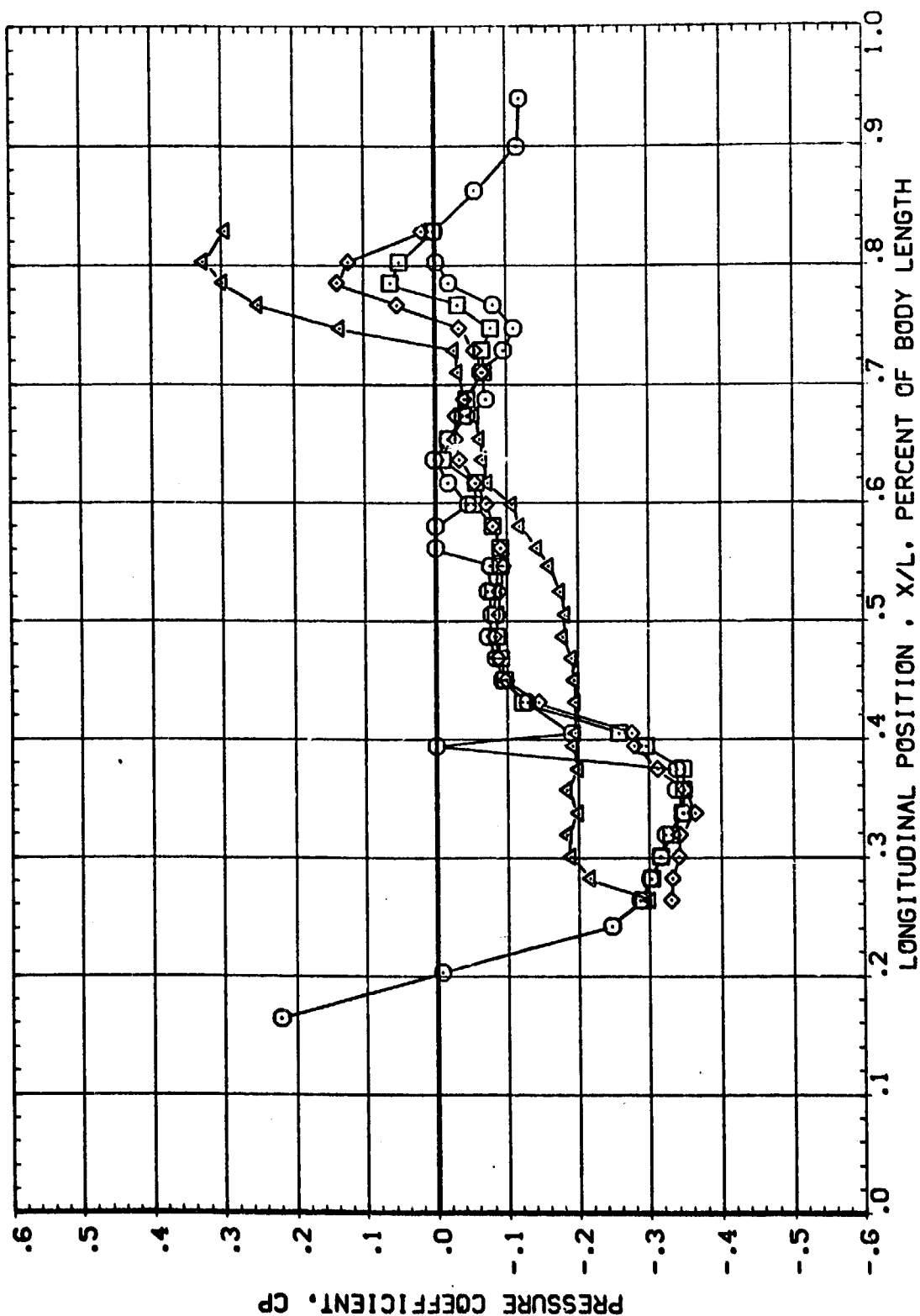
PM1	ALPHA	MACH	BETA	PARAMETRIC VALUES
90.000	-2.126	1.393	AILRON	.000 ELEVTR
100.000			RN/L	.000 RUOER
110.000				4.300
160.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	.019	1.400	.000	ELEVTR .000
□	100.000			.000	RUDDER .000
◇	110.000			4.300	
△	160.000				

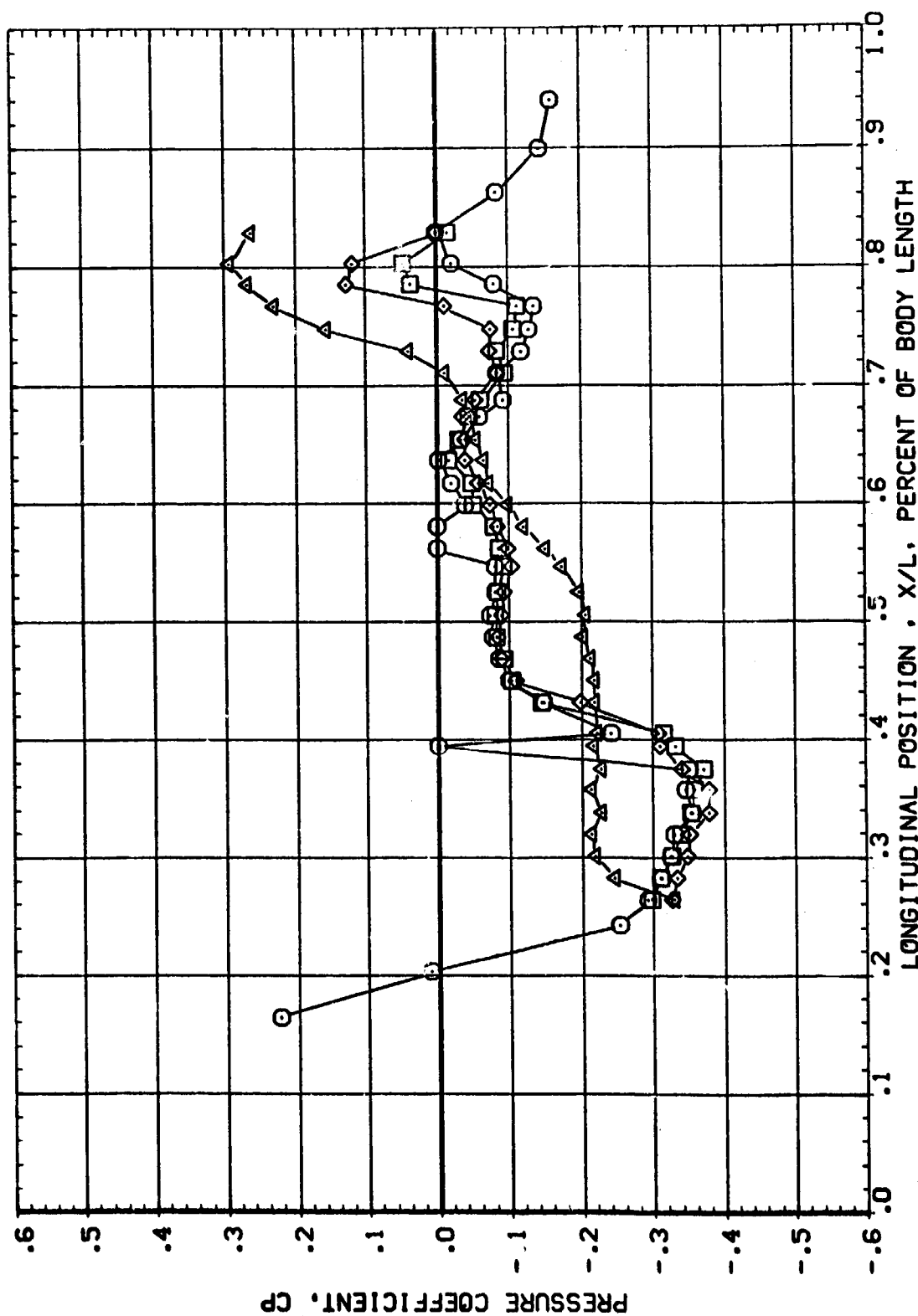


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 6F 530 PRESSURE VENTING - INTEG. VEHICLE (REB005)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RV/L 4.300
 ELEVTR .000
 RUDDER .000

SYMBOL P-1 ALP MACH
 ○ 90.000 2.175 1.400
 □ 100.000
 ◇ 110.000
 △ 180.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

SYMBOL PHI ALPHA MACH

○ 90.000 4.286 1.400

□ 100.000

◇ 110.000

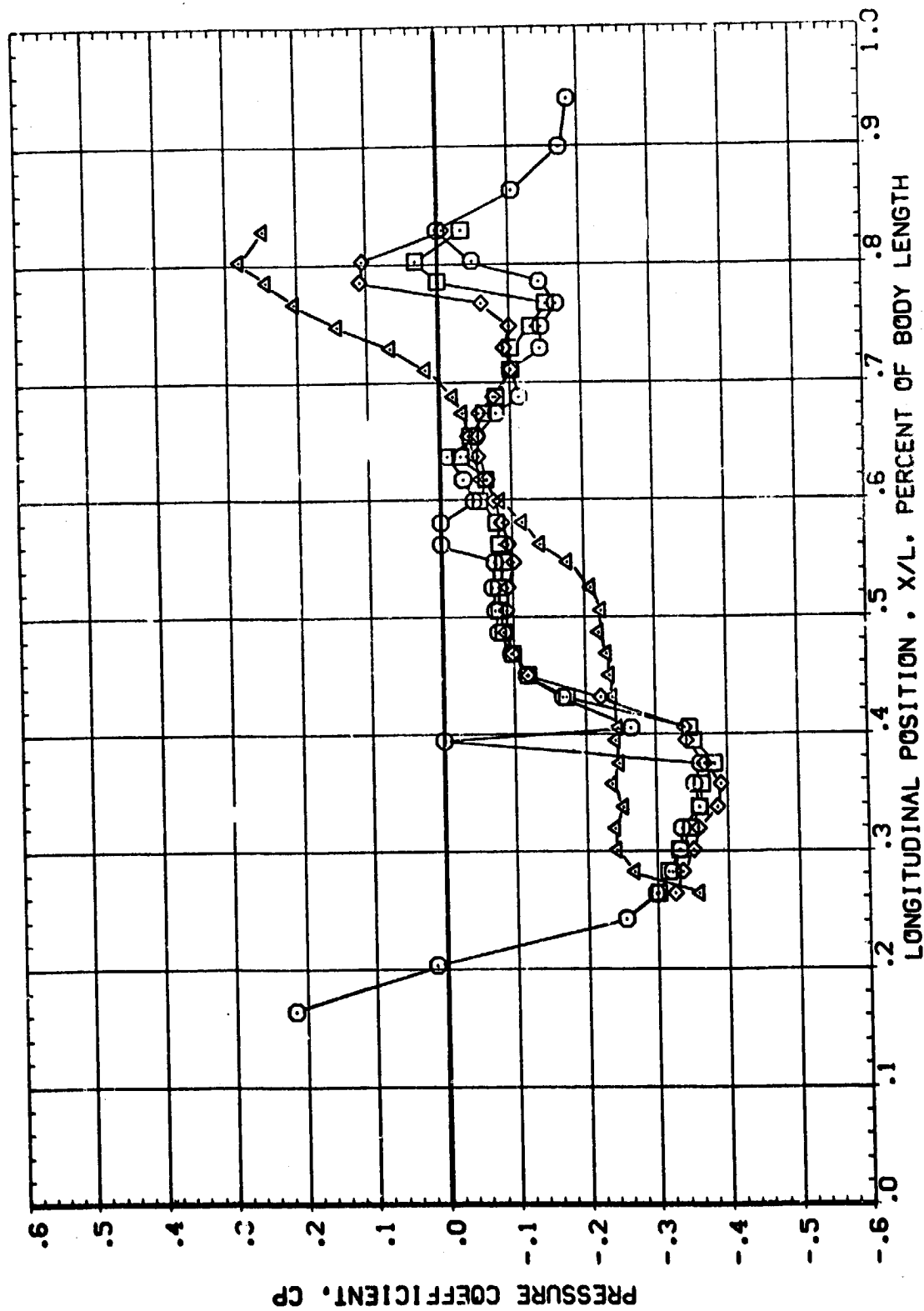
△ 120.000

PARAMETRIC VALUES

BETA .000 ELEVTR .000

AILRON .000 RUDDER .000

RN/L 4.300



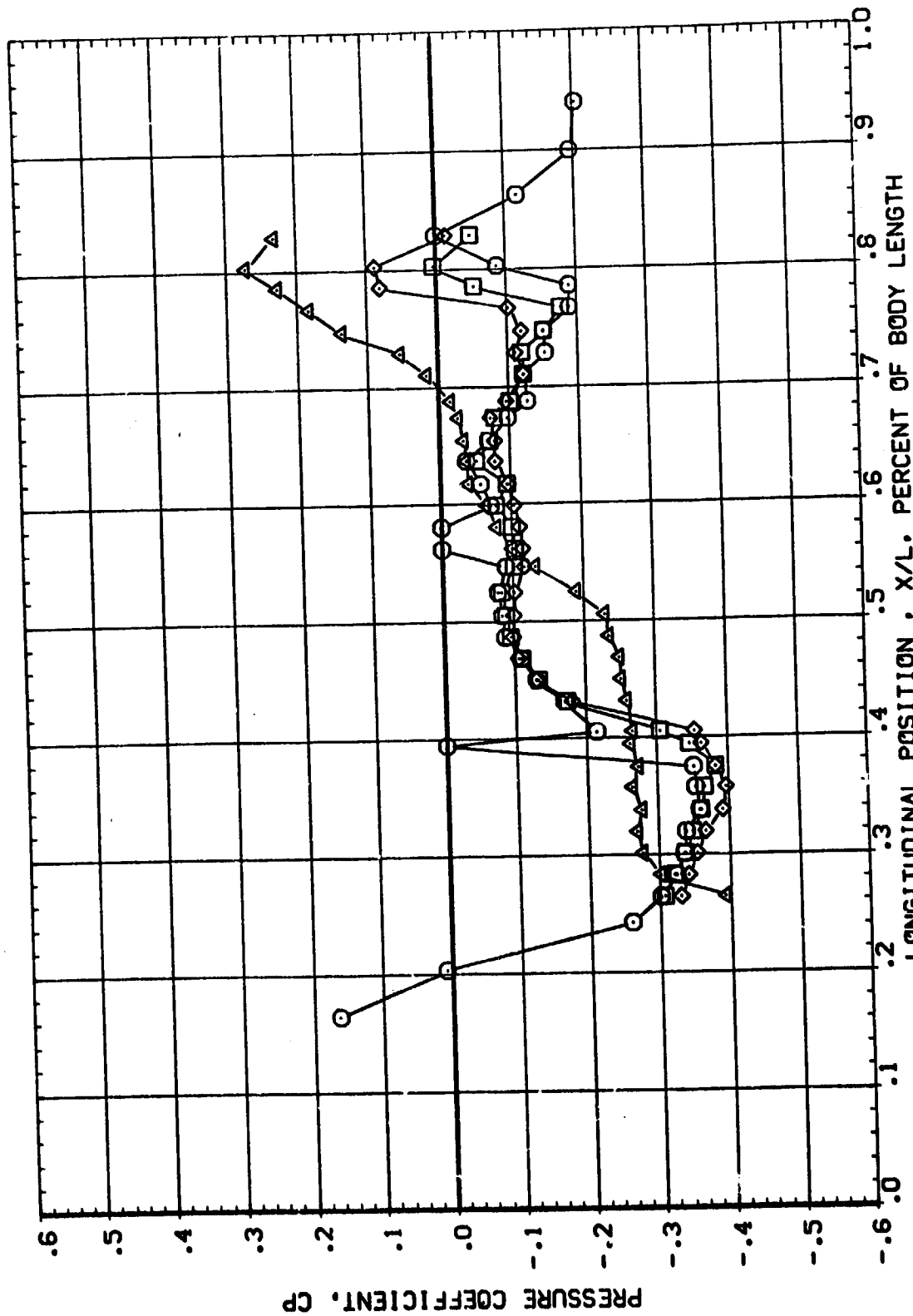
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

SYMBOL
 ○ 90.000
 □ 100.000
 ◇ 110.000
 △ 120.000

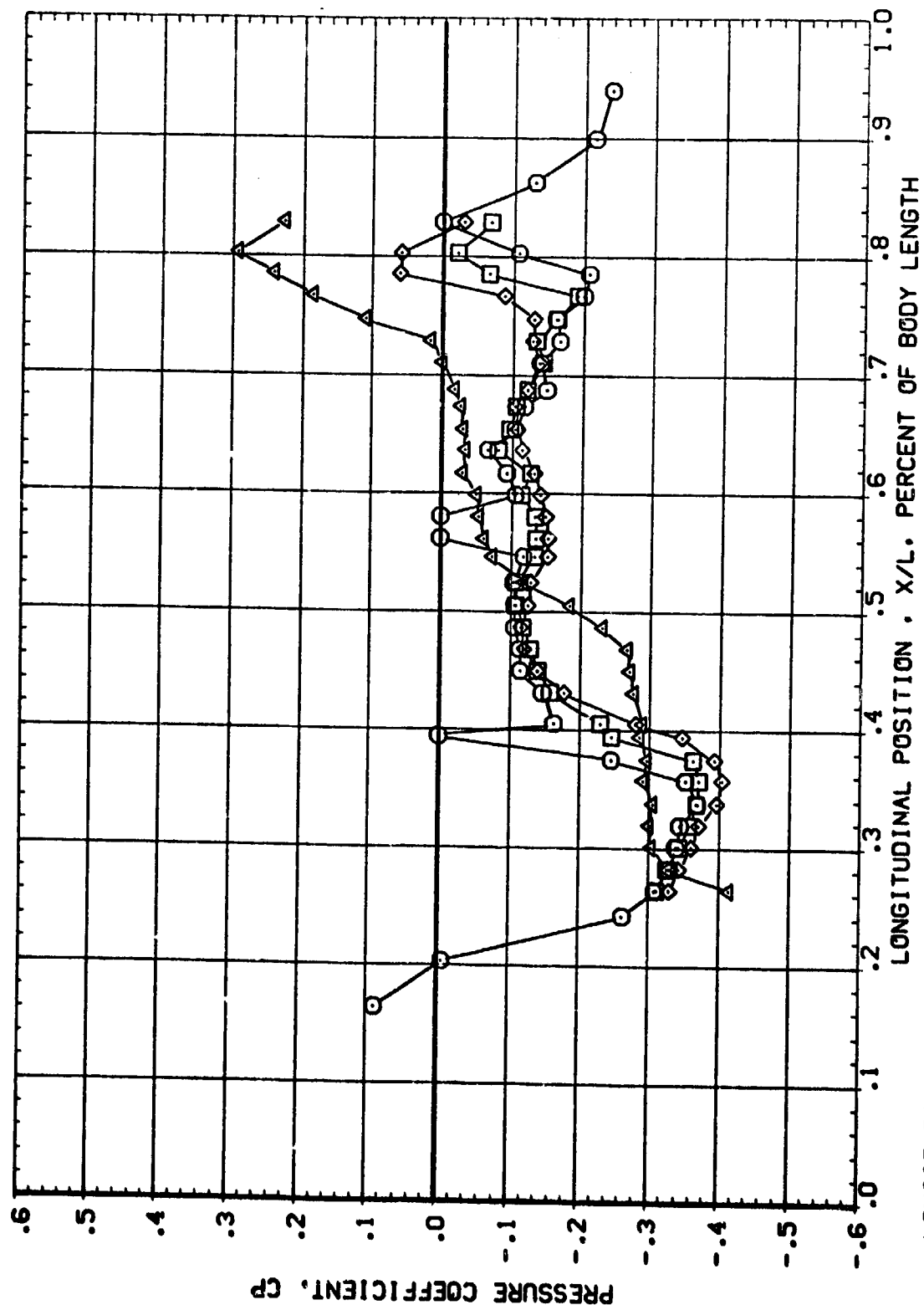
ALPHA 6.395
 MACH 1.400

PARAMETRIC VALUES
 BETA .000
 AILTRON .000
 RNL 4.300
 ELEVTR .000
 RUDDER .000



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

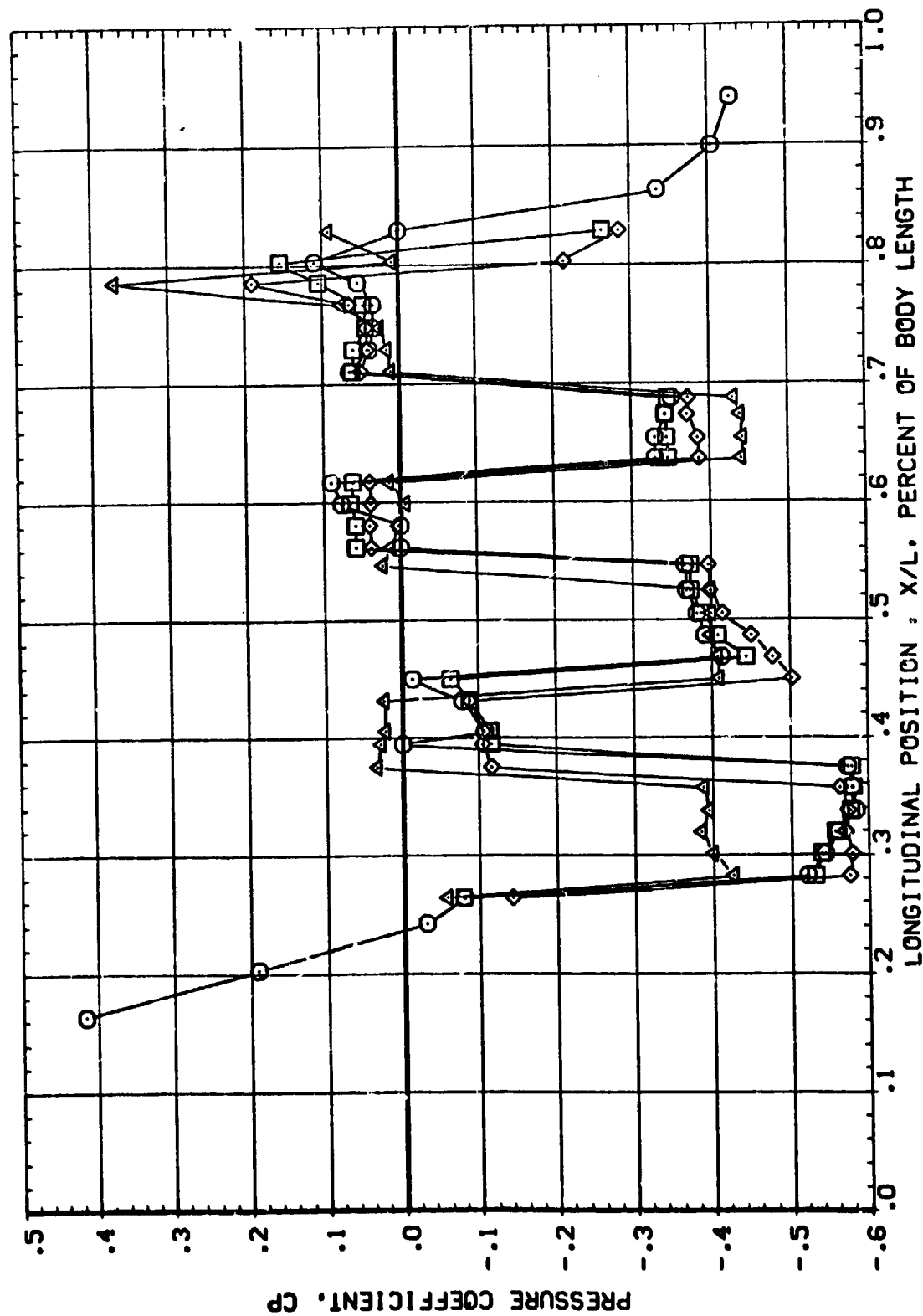
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	8.533	1.298	AILRON	.000
□	100.000			RUDDER	.000
△	110.000			RV/L	4.300
◇	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

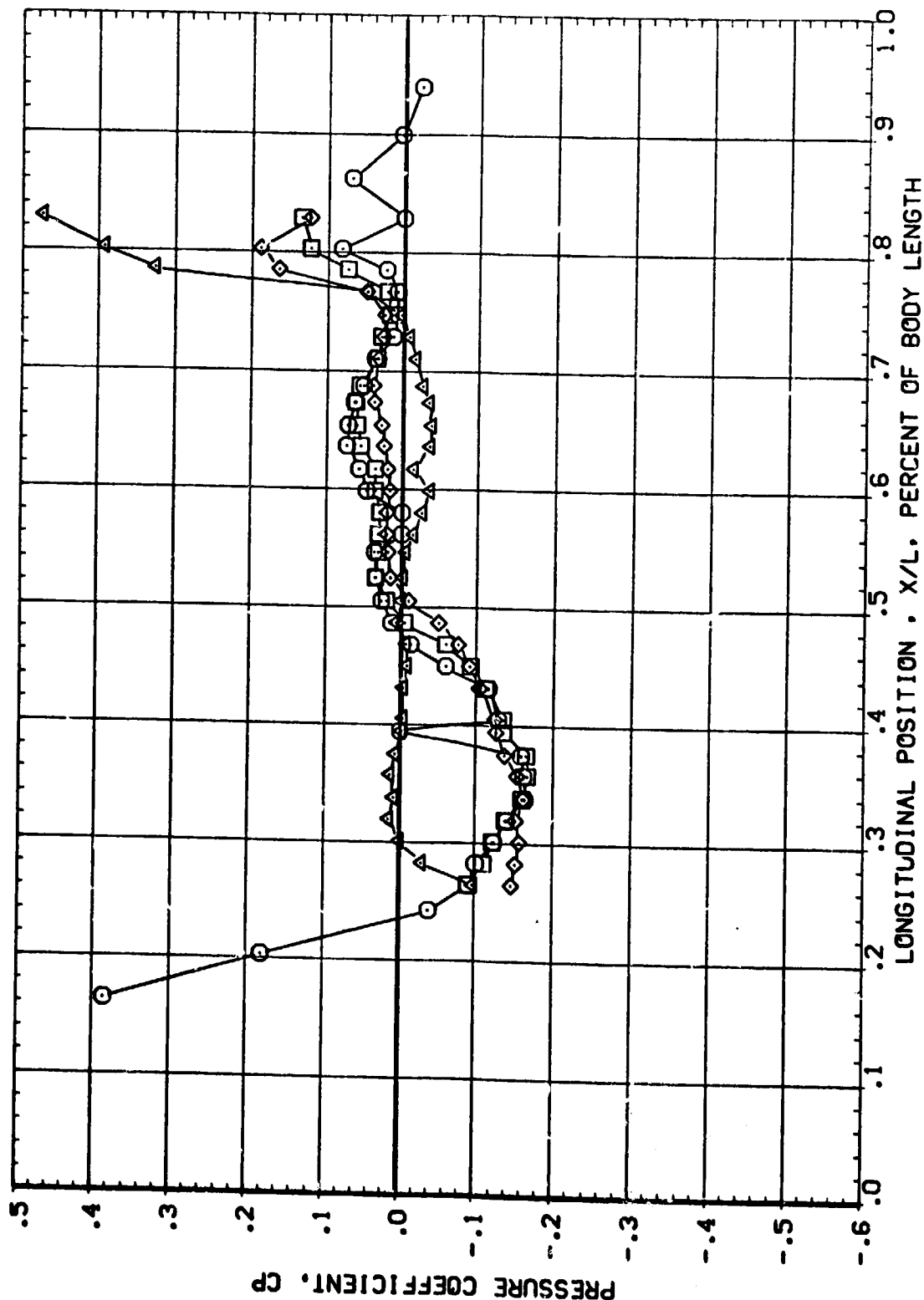
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-8.365	1.750	ALLRON	.000 ELEVTR
□	100.000			FN/L	.000 RUDDER
◇	110.000				3.000
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

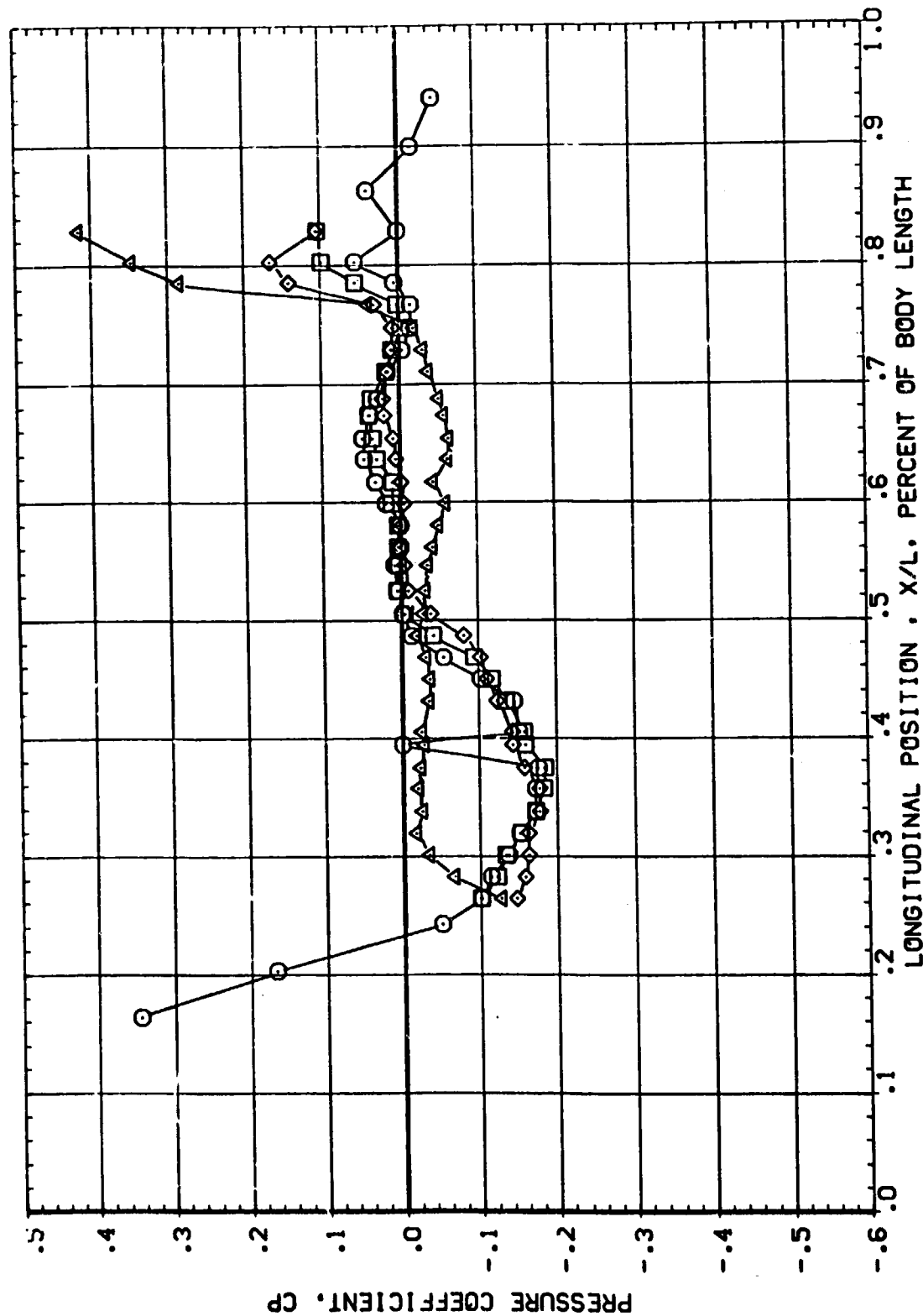
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-6.351	1.751	.000	ELEVTR
□	100.000			.000	RUDER
◇	110.000			3.000	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

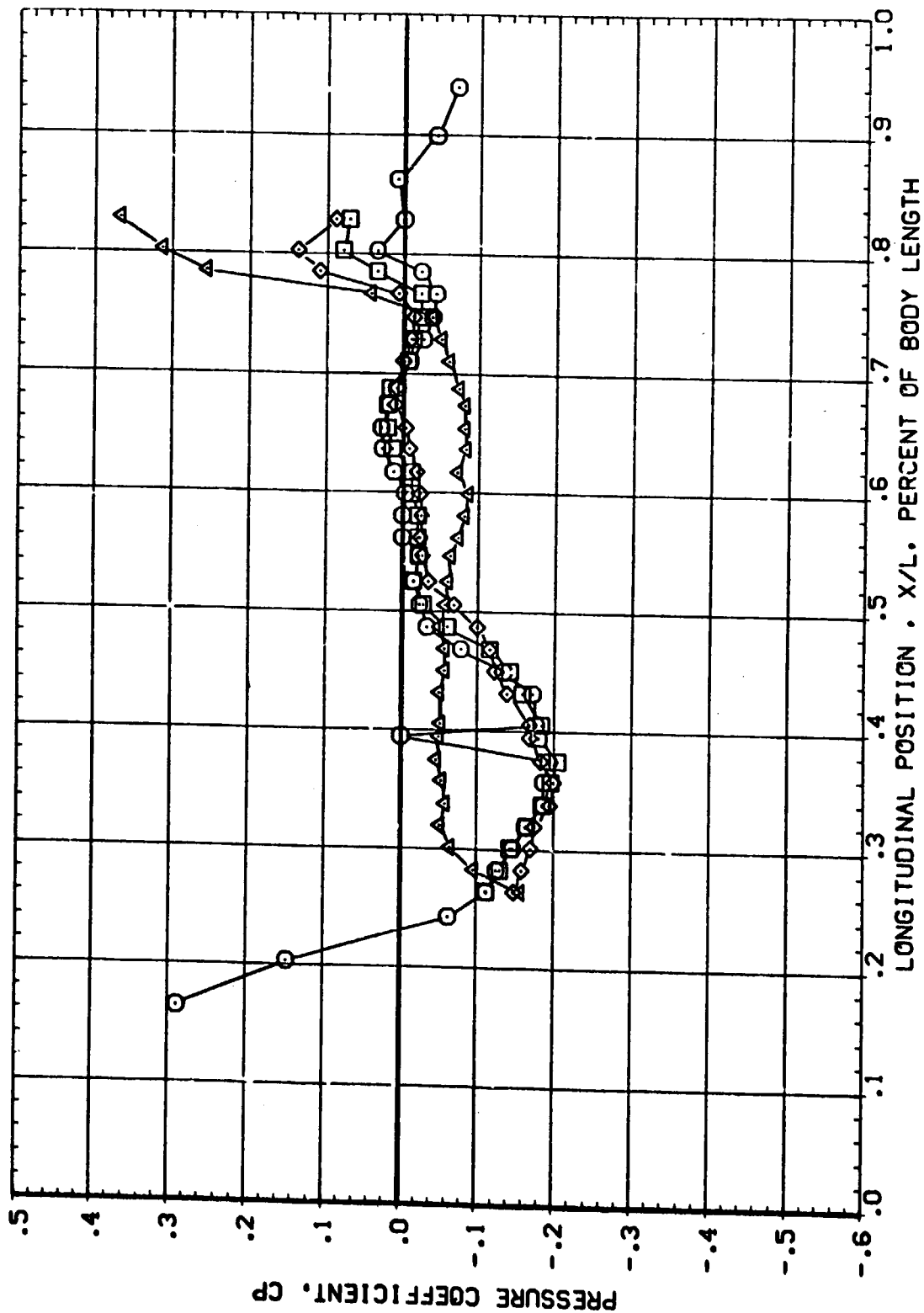
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-4.224	1.751	AILRON	.000
□	100.000			RN/L	.000
◇	110.000				3.000
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-2.072	1.751	.000	ELEVTR .000
□	100.000			.000	RUDER .000
◇	110.000			3.000	
△	160.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

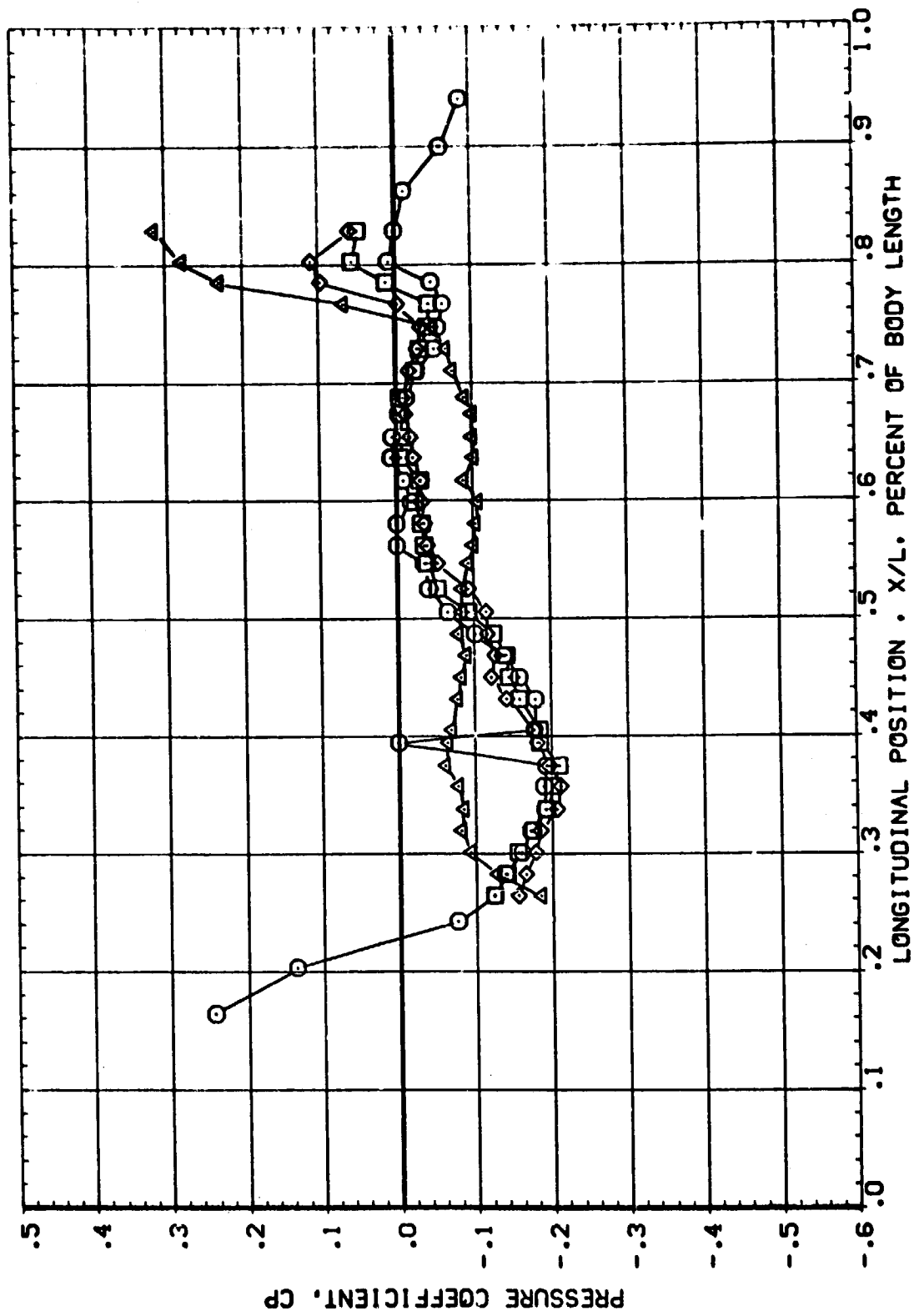


AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

SYMBOLS: \square 90.000 \diamond 100.000 \triangle 110.000 Δ 180.000

PARAMETRIC VALUES

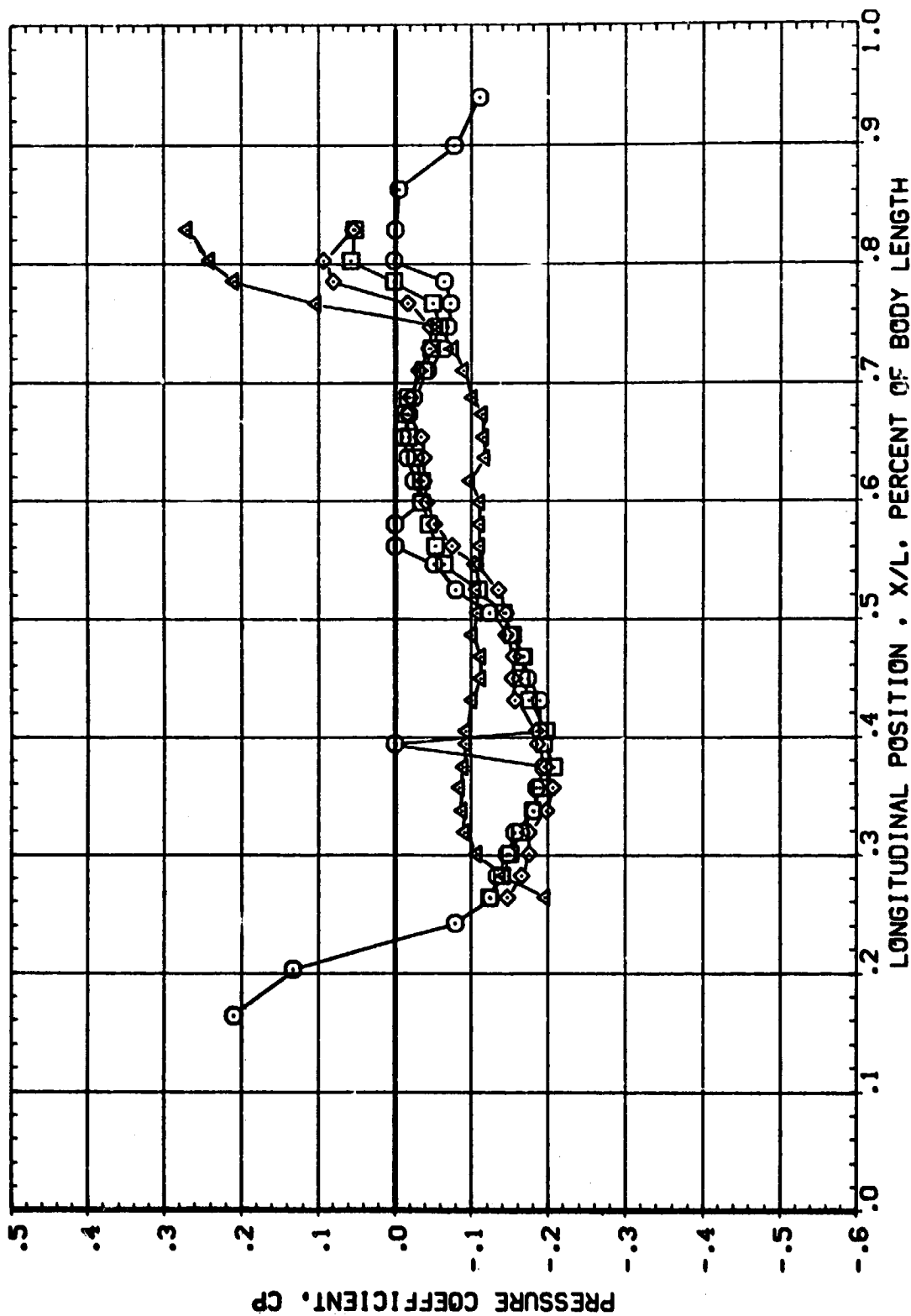
BETA	.000	ELEVTR	.000
AIRLON	.000	RUDER	.000
RV/L	3.000		



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

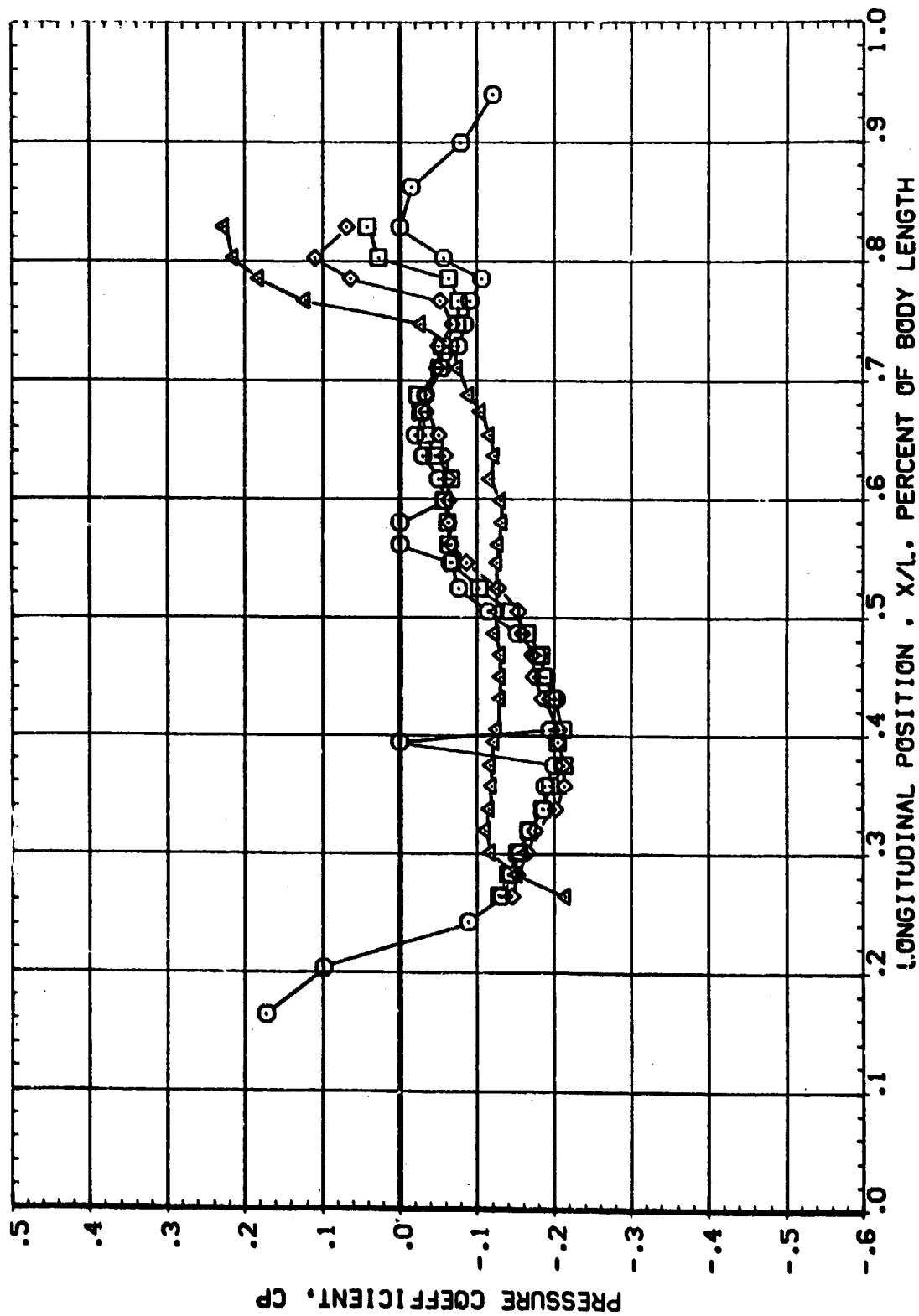
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	2.118	1.748	AILRON	.000
◇	100.000			RN/L	.000
△	110.000				3.000
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

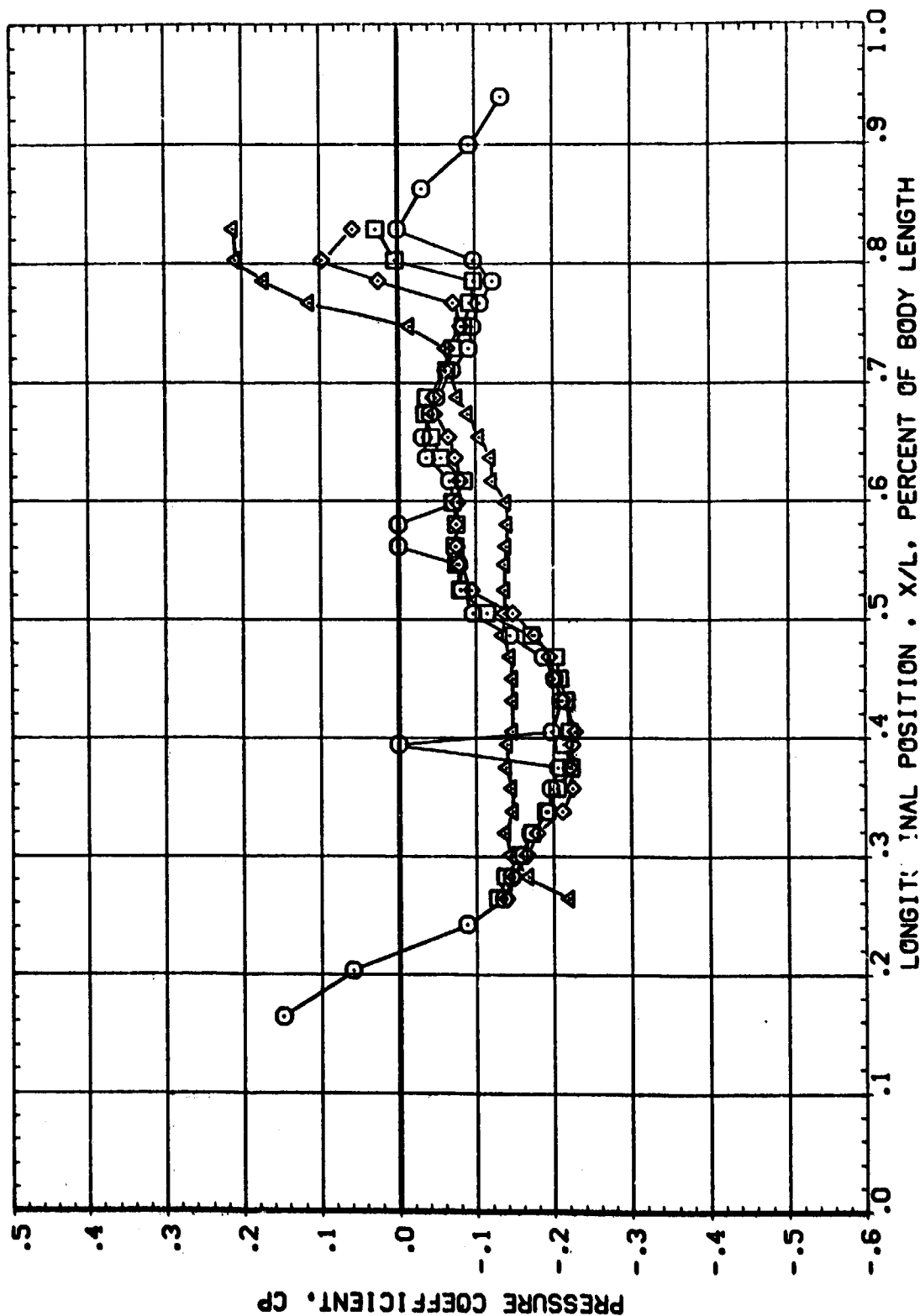
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	4.222	1.749	.000	ELEVTR .000
◇	100.000			.000	RUDER .000
△	110.000			3.000	
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	6.322	1.751	.000	ELEVTR .000
□	100.000			.000	RUDER .000
◇	110.000			3.000	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

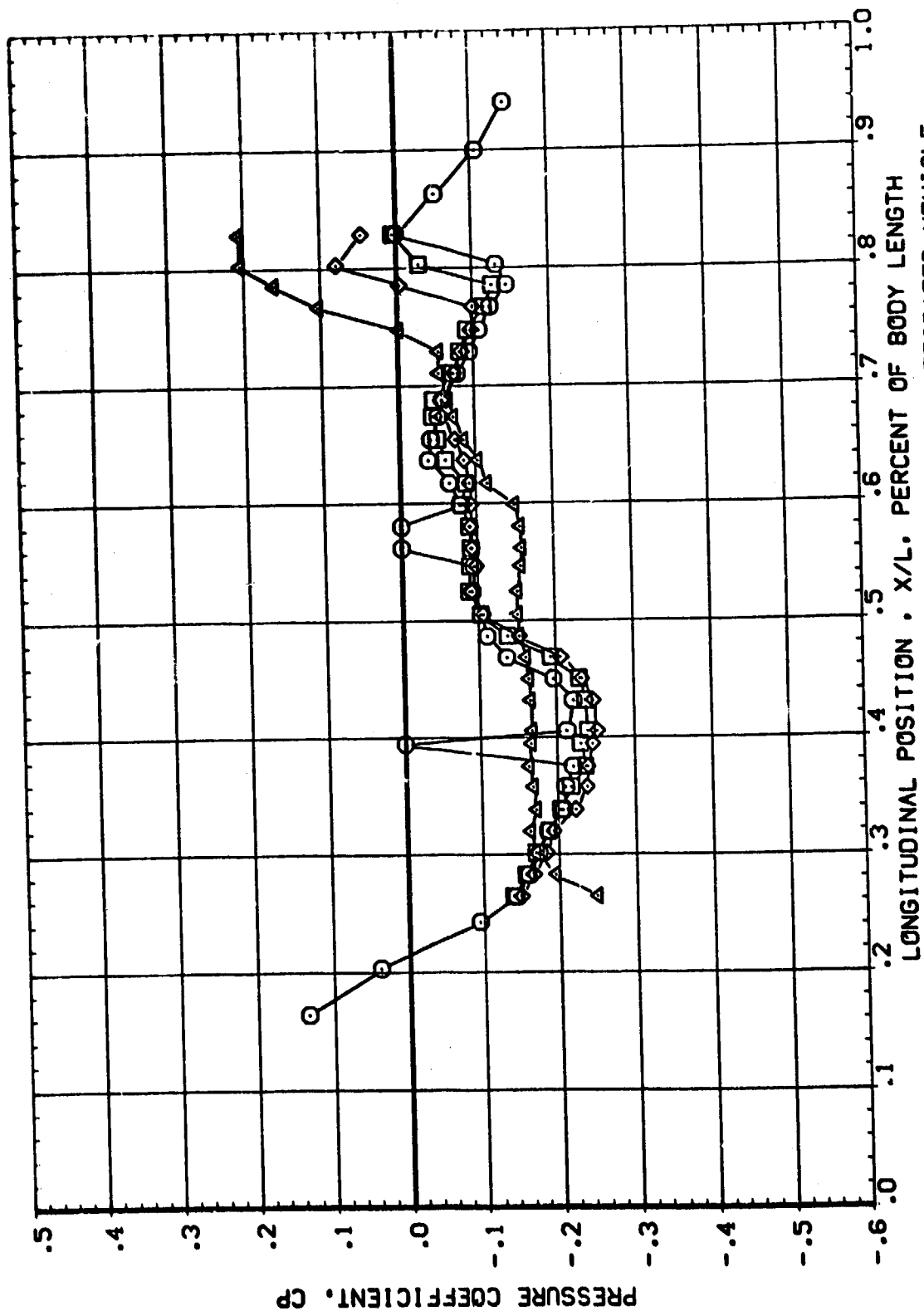


AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

SYMBOL
○ 90.000
□ 100.000
◇ 110.000
△ 120.000

ALPHA 8.447
MACH 1.748

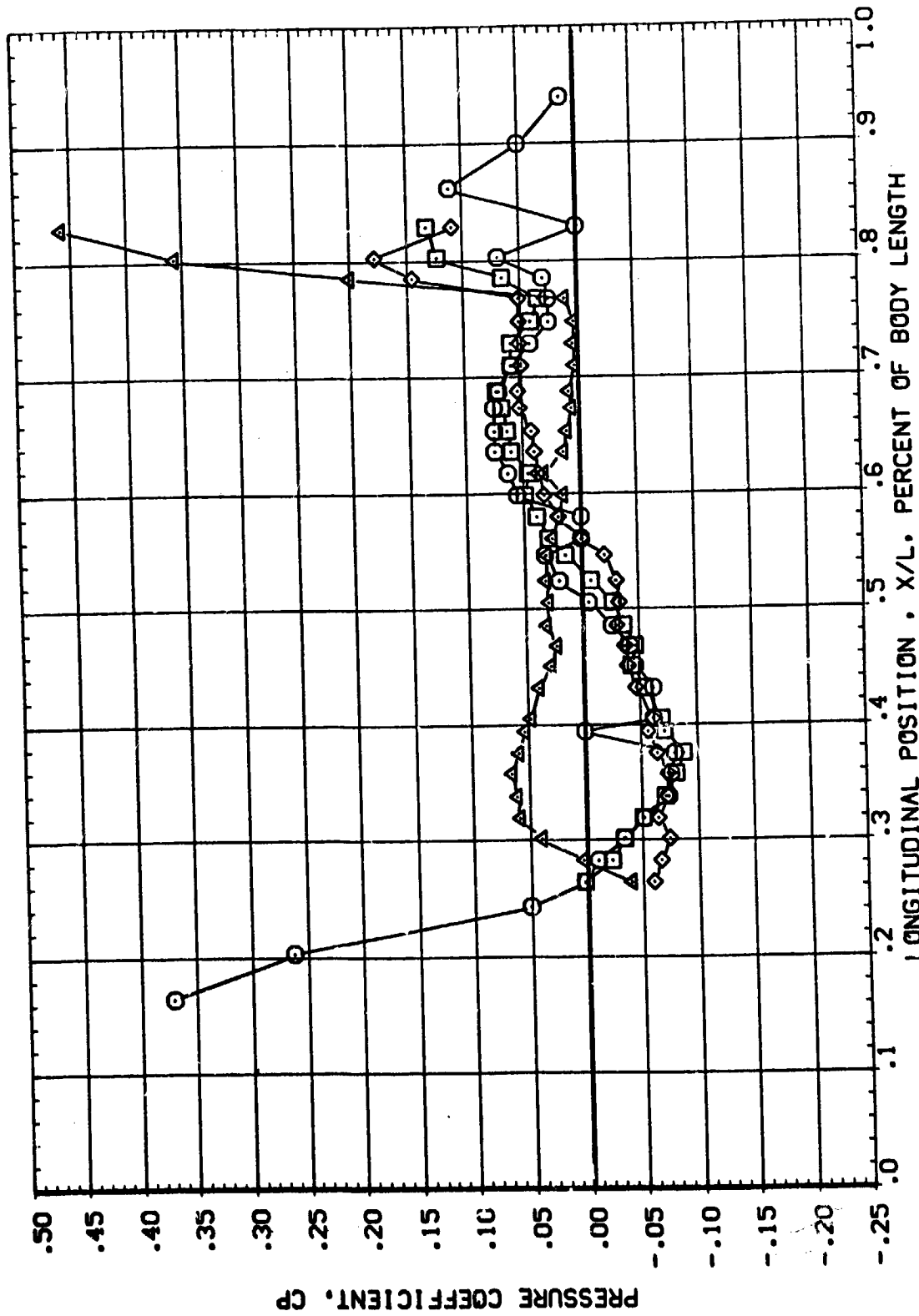
PARAMETRIC VALUES
BETA .000
ELEVTR .000
AILRON .000
RNL 3.000
RUDER .000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REBOOT)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	90.000	-7.860	2.003	.000	ELEVTR .000
◇	100.000			.000	RUDER .000
△	110.000			2.650	
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

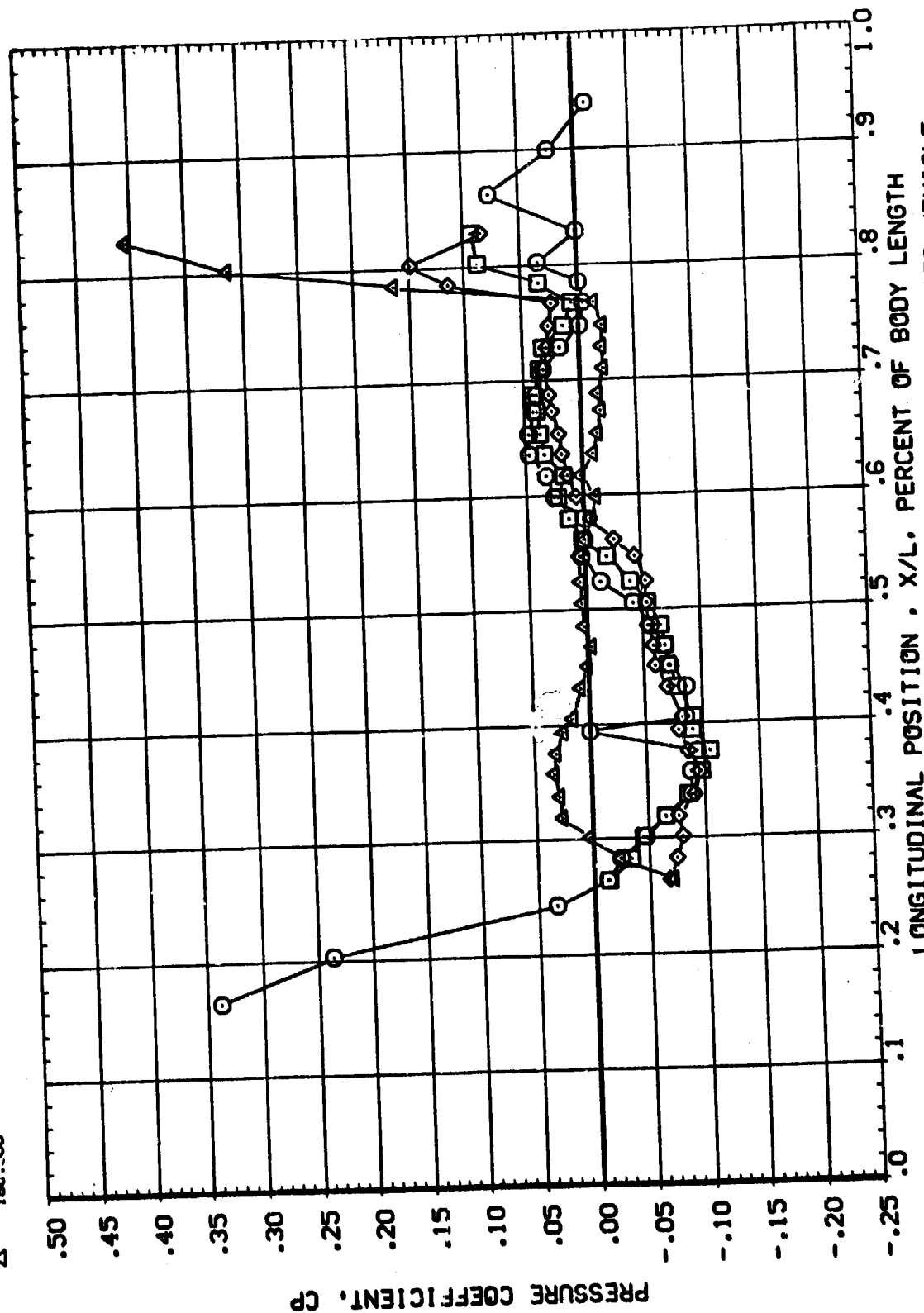
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

PH: 90.000
 100.000
 110.000
 180.000

ALPHA -5.801
 MACH 2.001

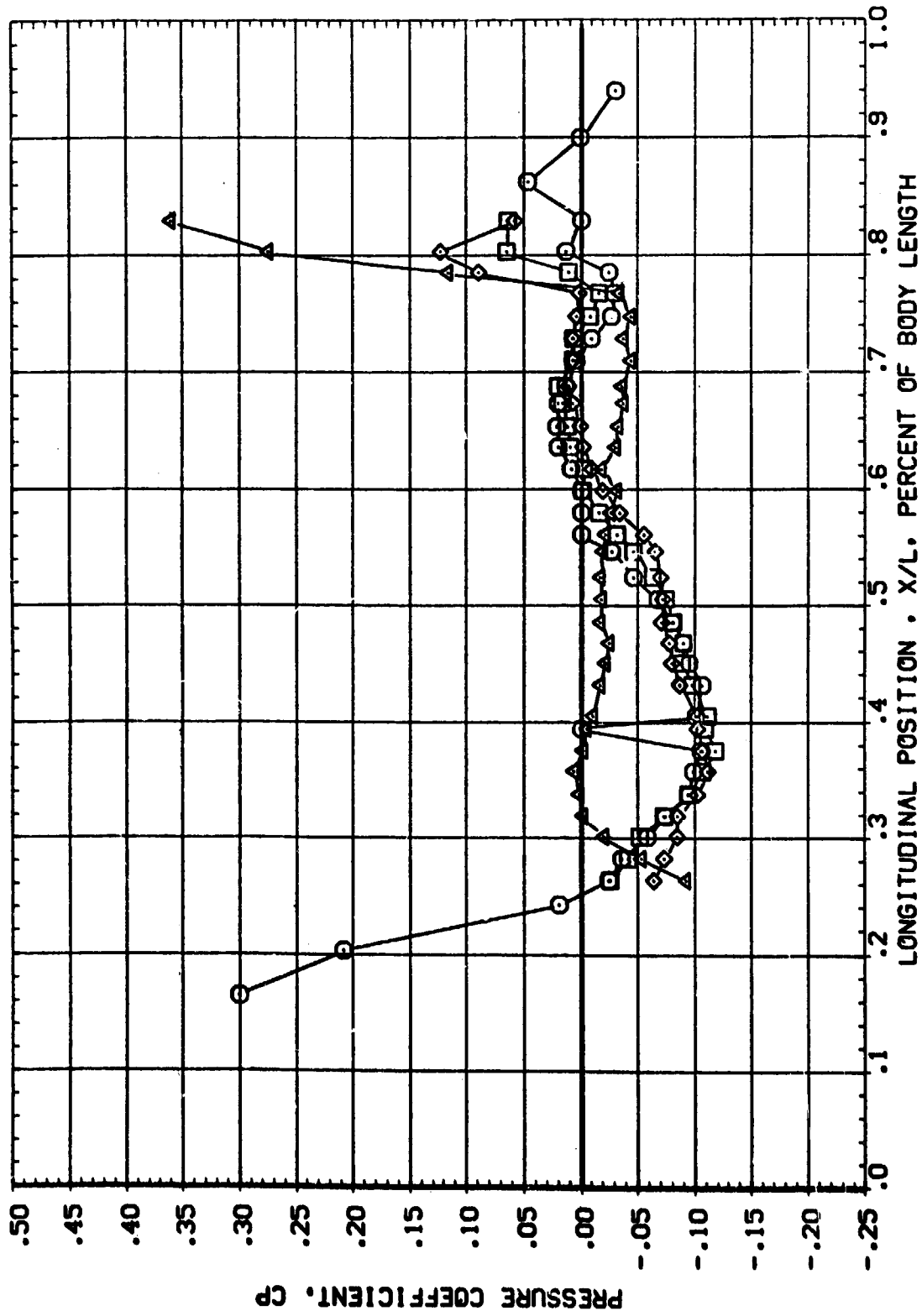
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 2.650

.003
 .000
 .000



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (R80001)

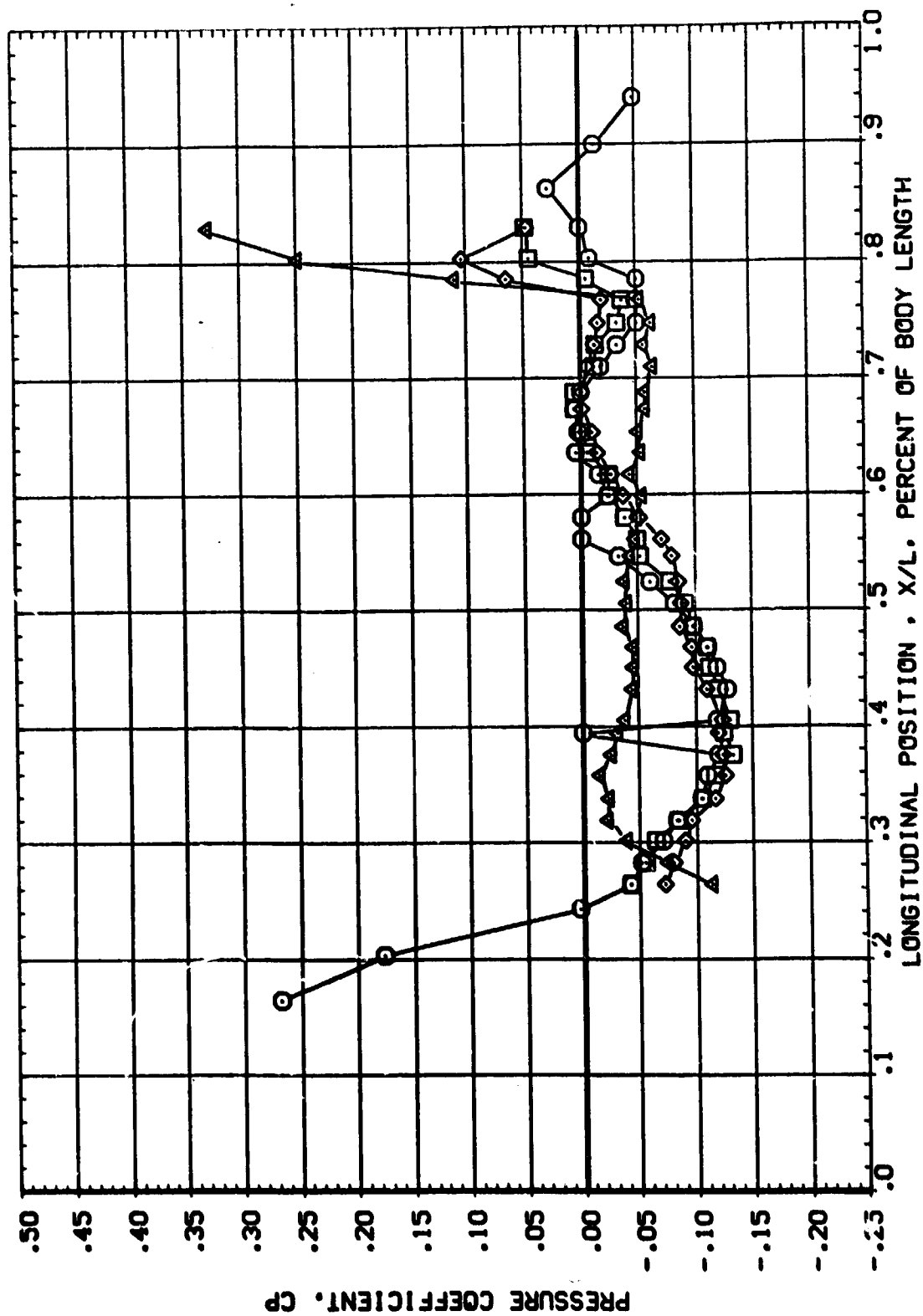
SYMBOL	PA1	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-3.694	2.006	.000	ELEVTR .000
□	100.000			.000	RUDER .000
◇	110.000			2.650	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

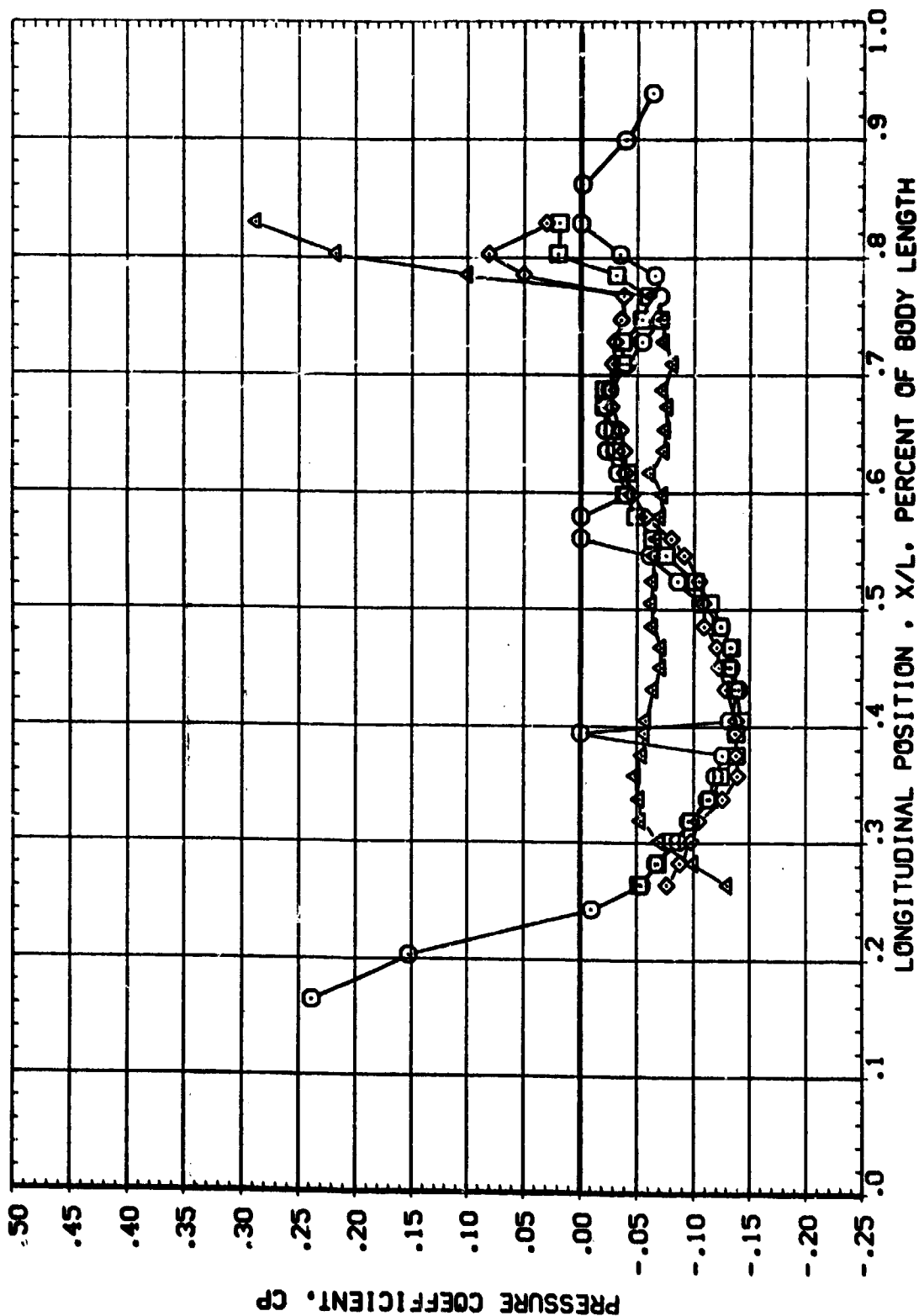
SYMBOL	PW	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	-1.603	2.001	.000	ELEVTR .000
◇	100.000			.000	RUDDER .000
△	110.000			2.650	
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	.509	2.000	.000	ELEVTR .000
□	100.000			.000	RUDER .000
◇	110.000			2.650	
△	180.000				



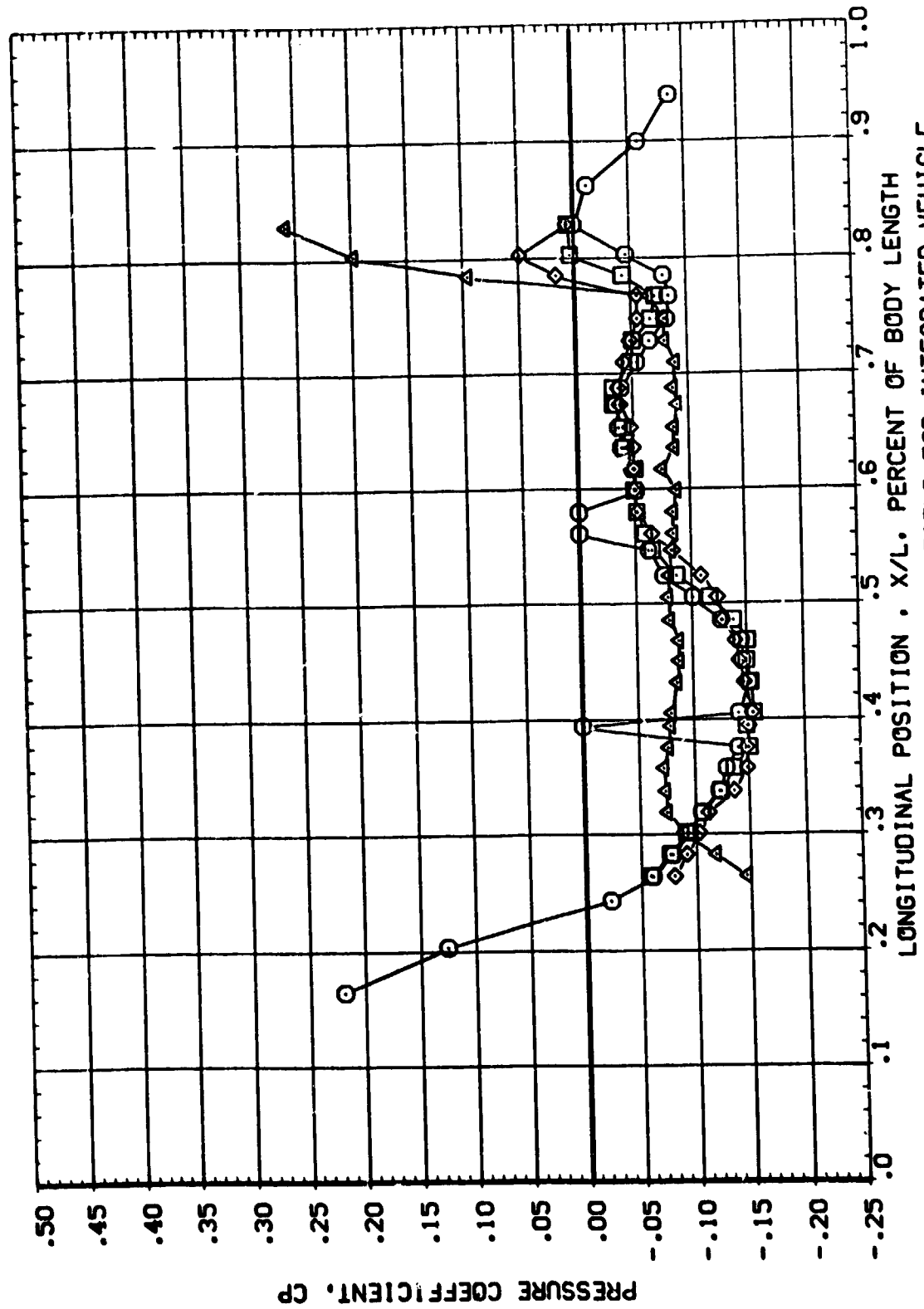
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

SYMBOL
 ○ 90.000
 □ 100.000
 ◇ 110.000
 △ 120.000

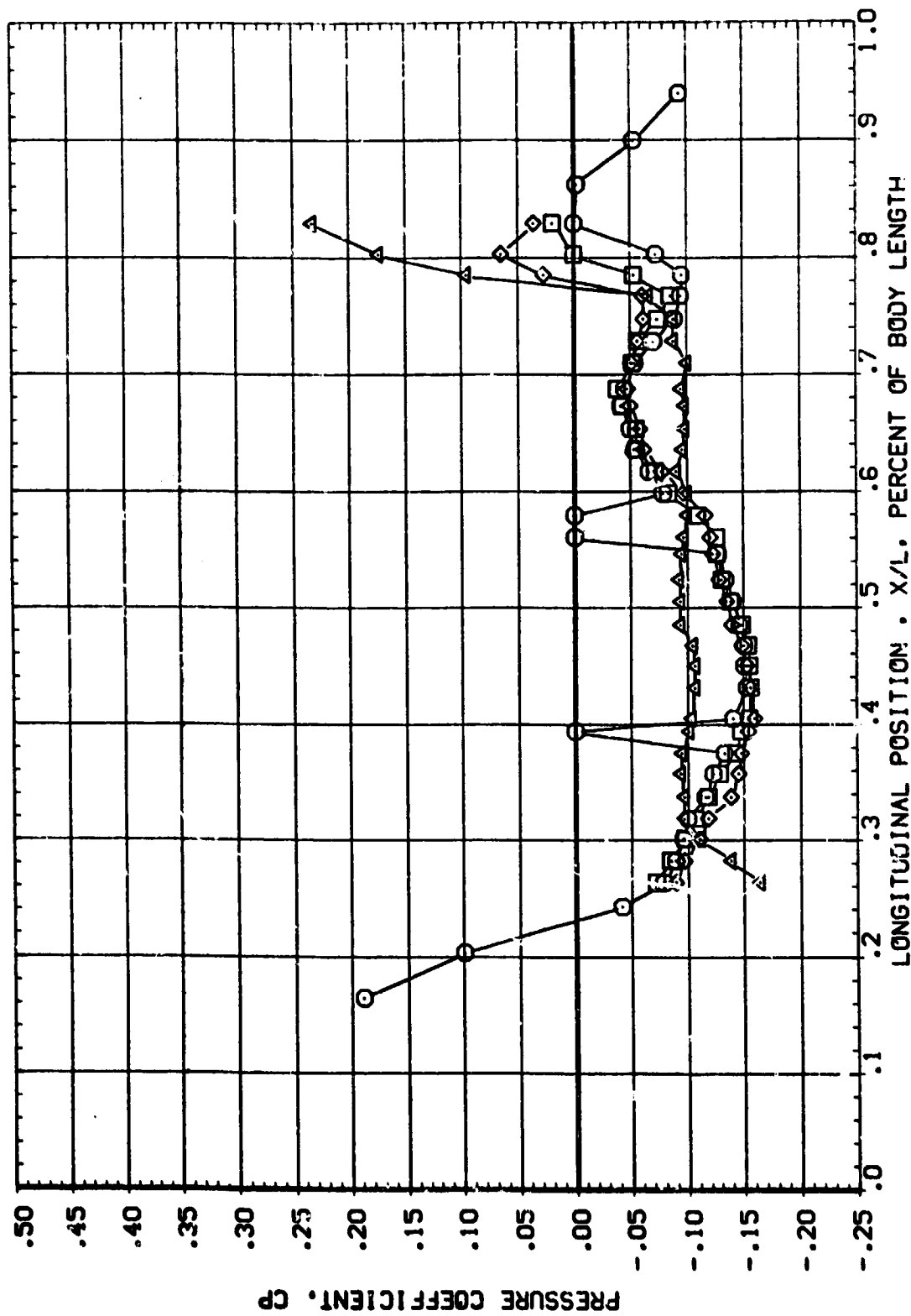
PHI ALPHA MACH
 2.584 2.001

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RW/L 2.650



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	4.700	1.999	.000	ELEVTR .000
□	100.000			.000	RUDER .000
◇	110.000			2.650	
△	180.000				

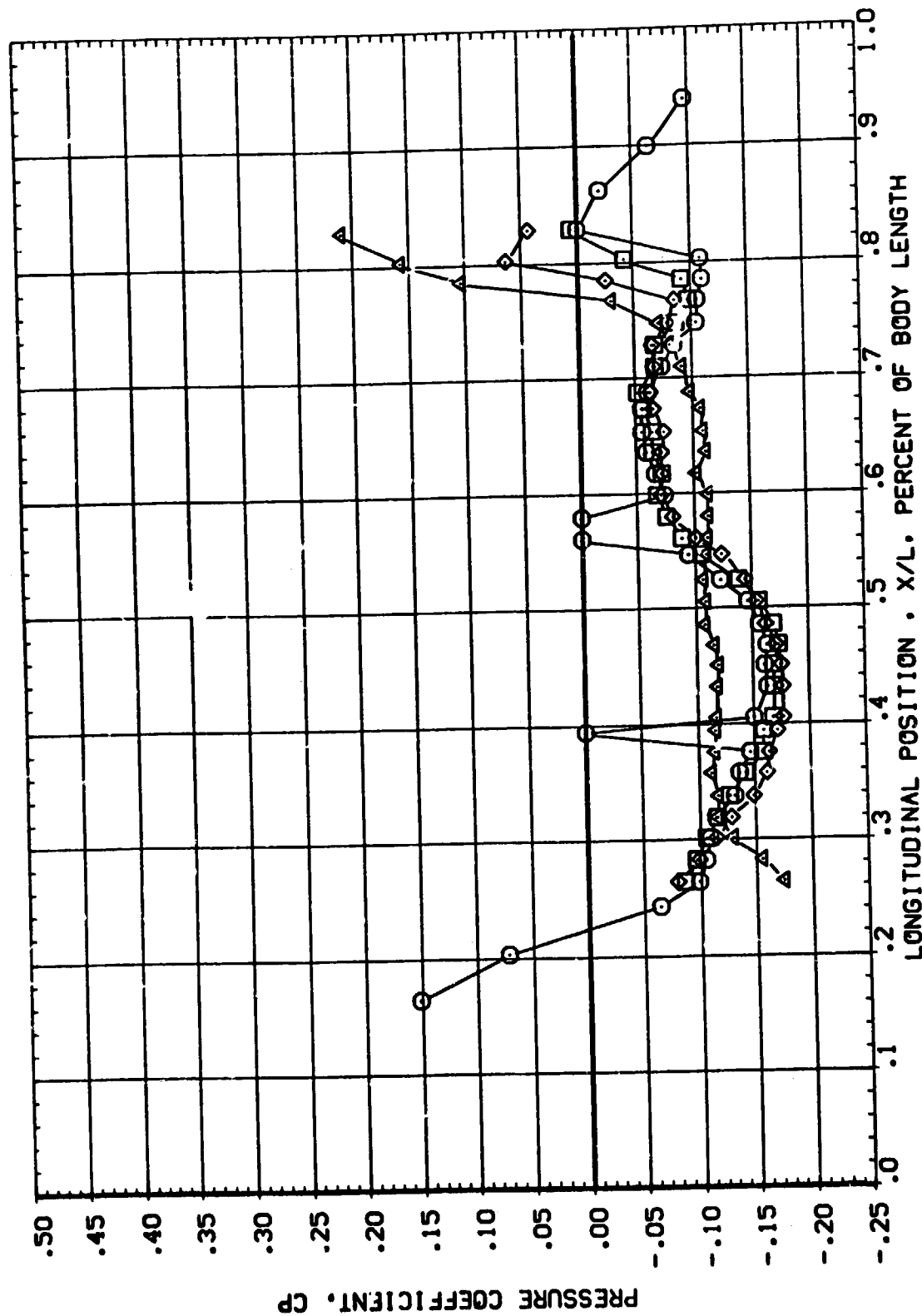


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

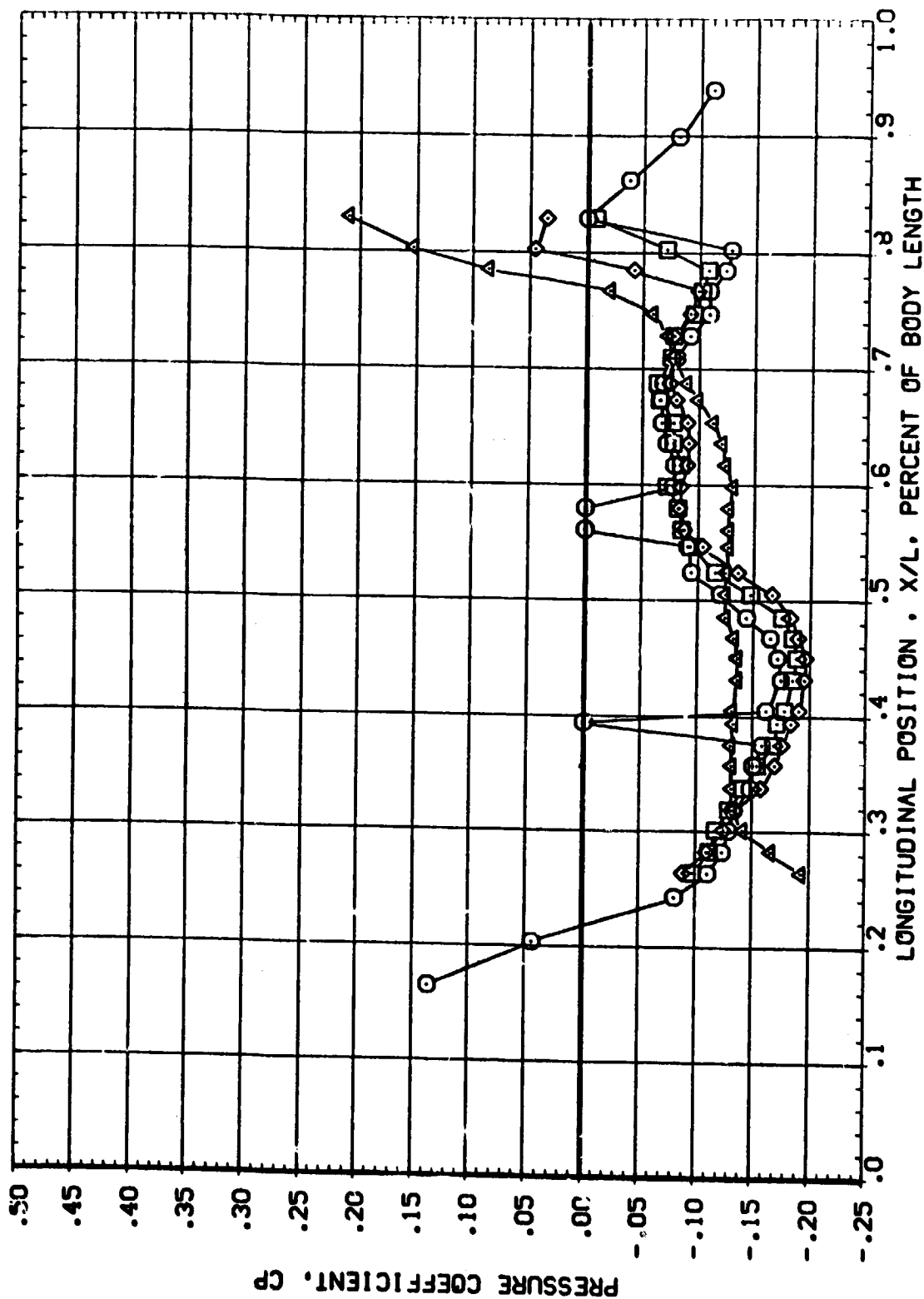
SYMBOL	PNT	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	RUDDER
○	90.000	6.758	2.000	.000	.000	.000
□	103.000			.000	.000	.000
◇	110.000			2.650		
△	120.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	8.525	1.997	.000	ELEVTR
□	100.000			.000	RUDDER
◇	110.000			2.650	
△	180.000				

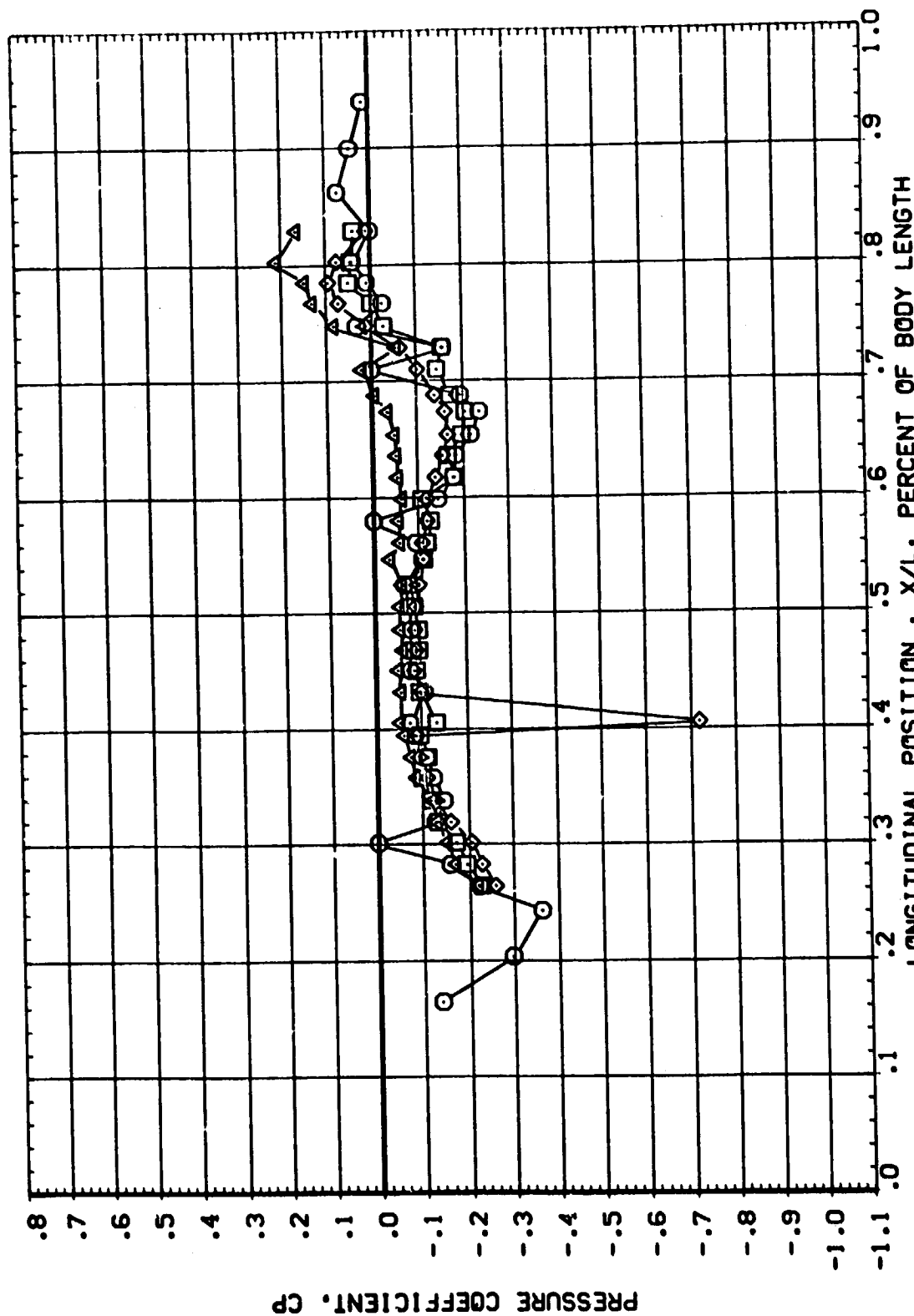


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL PHI ALPHA MACH
 ○ 90.000 6.169 .602
 □ 100.000
 ◇ 110.000
 △ 180.000

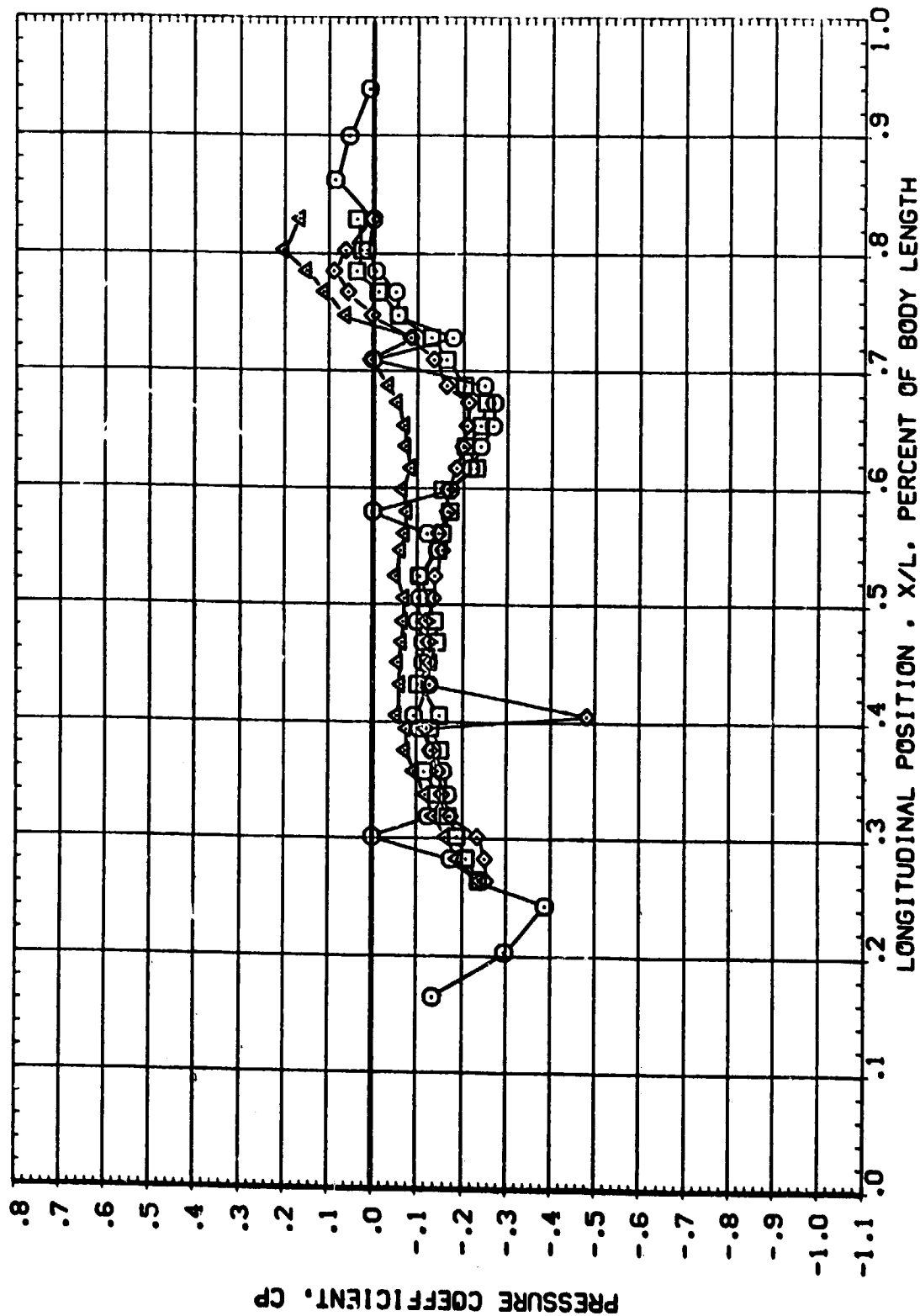
PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RN/L 3.500



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

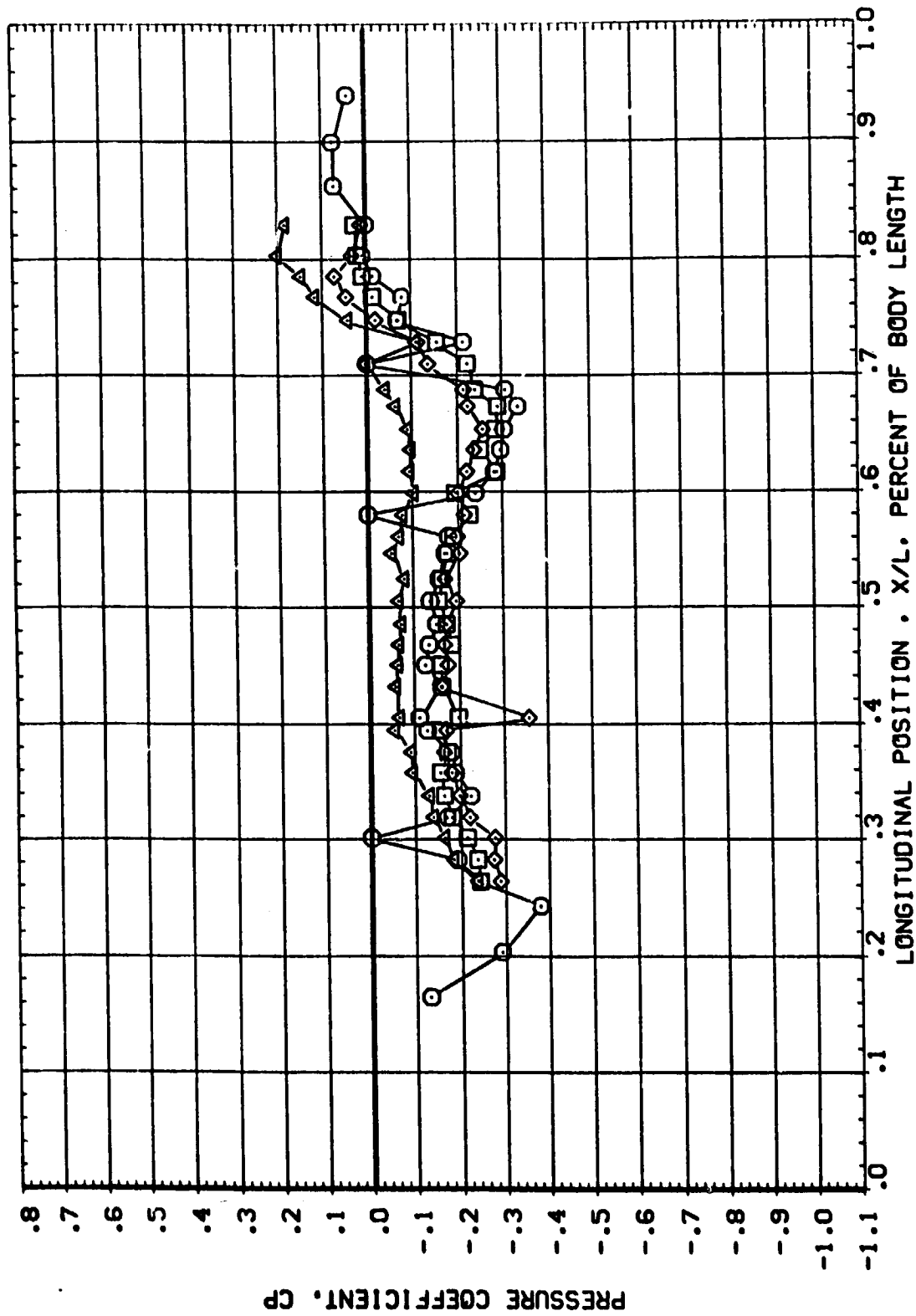
SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES
○	50.000	8.256	.600	.000	.000	3.500	ELEVTR -15.000
□	100.000			.000	.000		RLODER .000
◇	110.000						
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

STRENGTH	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	10.340	.600	.000	ELEVTR
□	100.000			.000	RUDER
◇	110.000			3.500	
△	180.000				



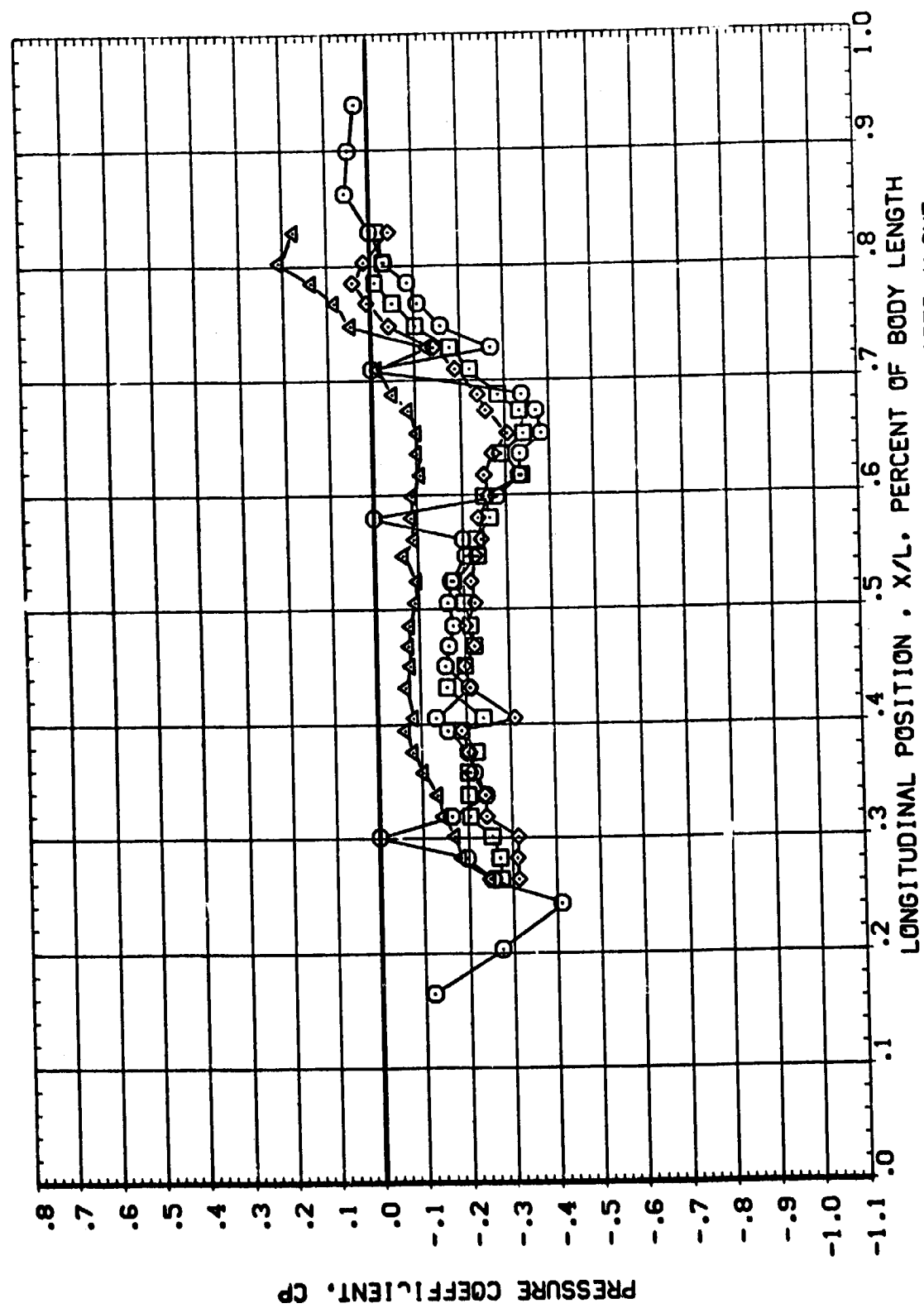
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RNVL 3.500

PHI 90.000 ALPHA 12.430 MACH .601
 100.000
 110.000
 120.000

SYMBOL
 ○
 □
 ◇
 △

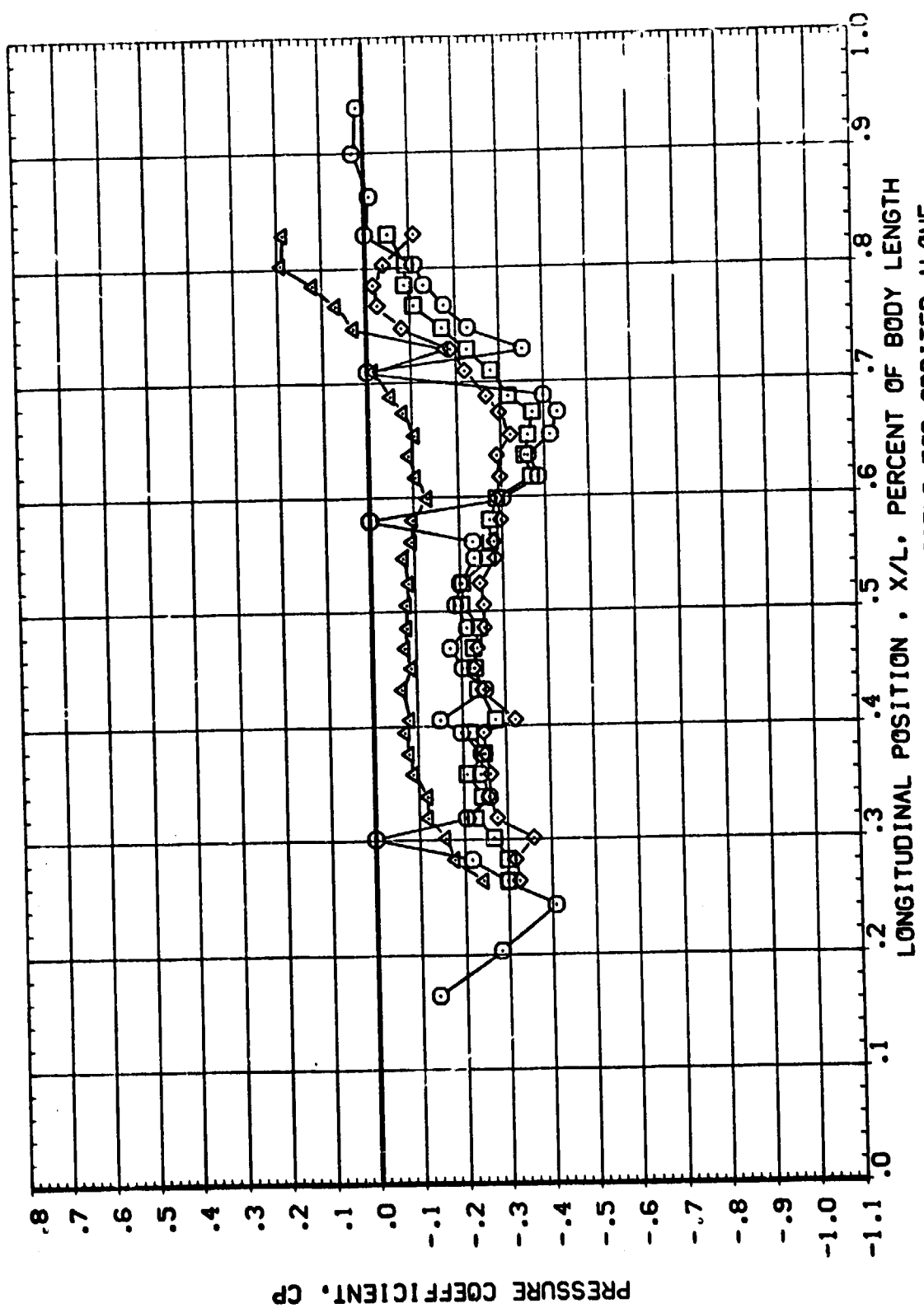


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



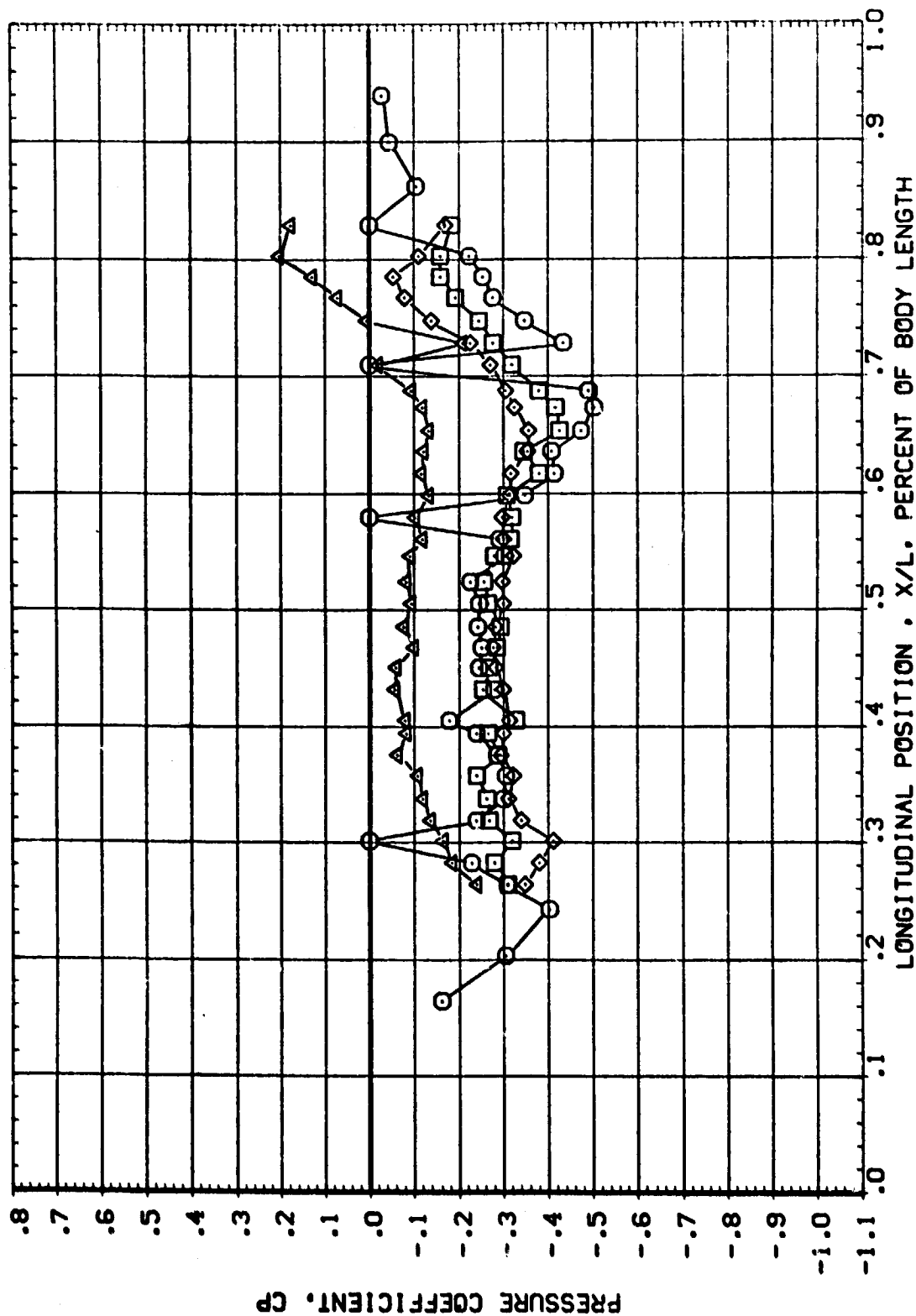
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PHI	ALPHA	MACH	BETA	ELEVTR	FLUDER	PARAMETRIC VALUES
○	90.000	14.470	.602	.000	.000	.000	-15.000
□	100.000			.000			
◇	110.000			3.500			
△	180.000						



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	16.520	.601	AILRON	.000
□	100.000			RVL	3.500
◇	110.000			ELEVTR	-15.000
△	180.000			RDOER	.000

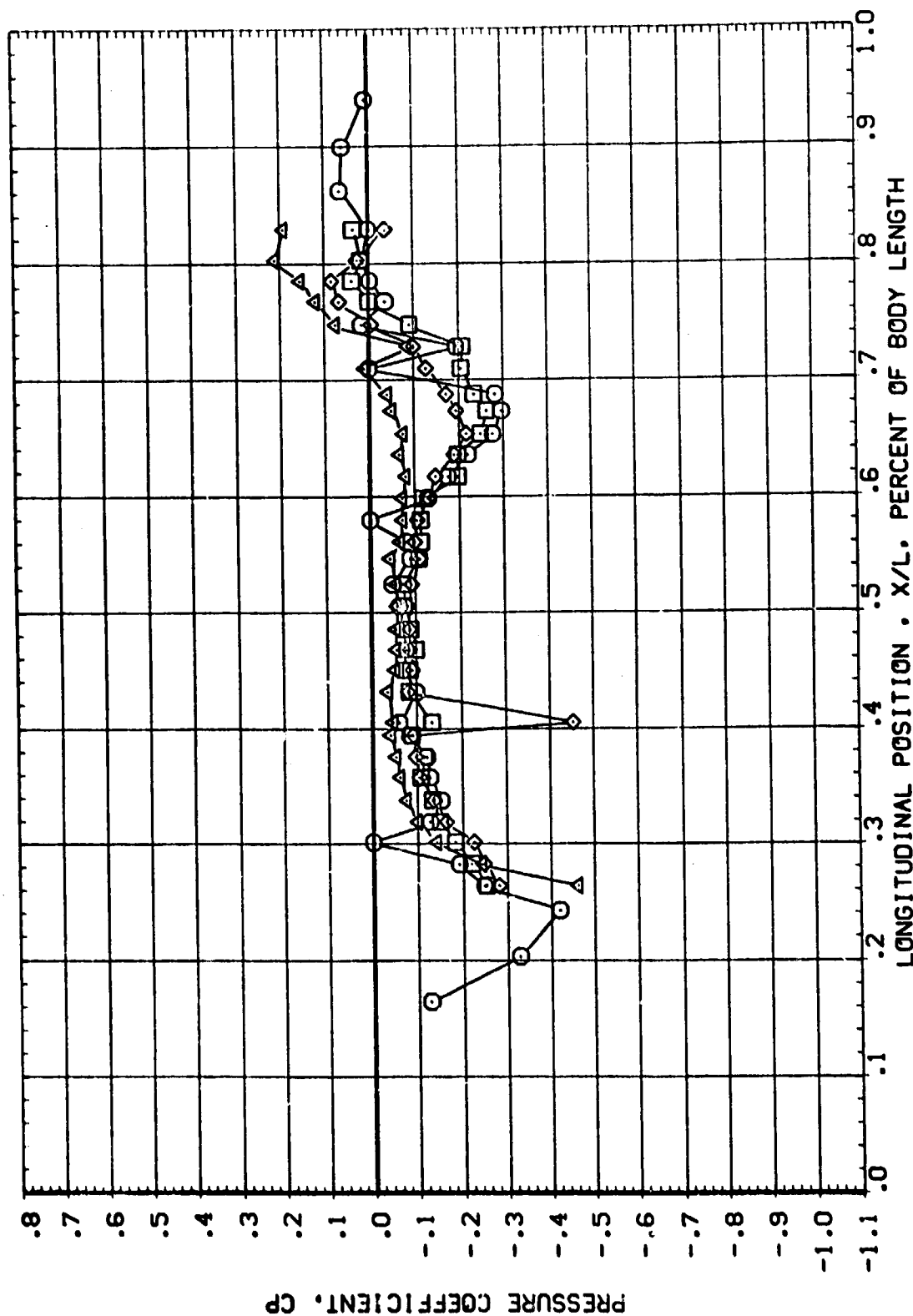


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYNCH	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	5.300	.752	.000	ELEVTR
□	100.000			.000	RUDDER
◇	110.000			3.500	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

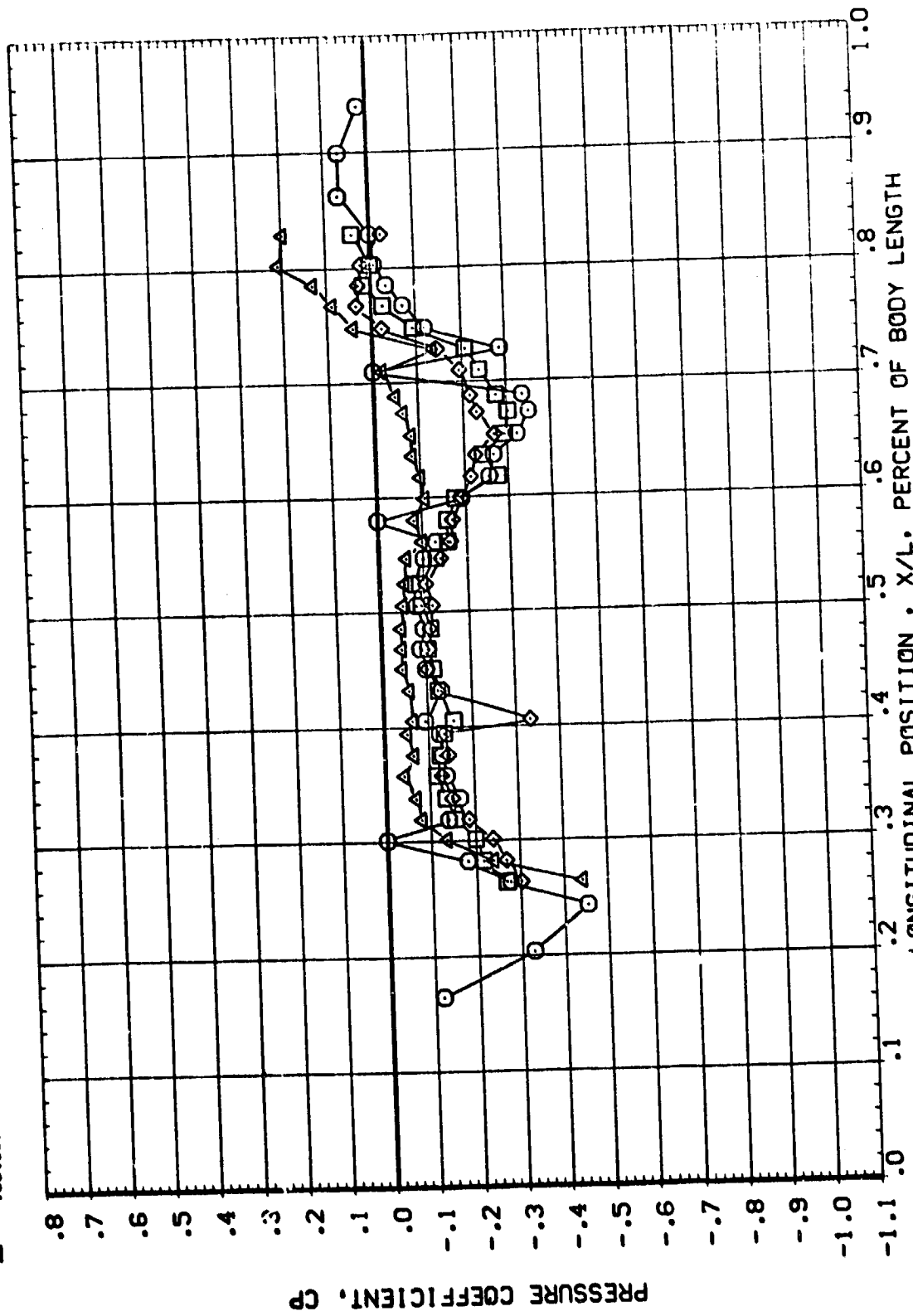
PARAMETRIC VALUES
 .000 ELEVTR -15.000
 .000 RUDDER .000
 3.500

BETA
 AILRON
 RV/L

ALPHA
 8.411

PHI
 90.000
 100.000
 110.000
 180.000

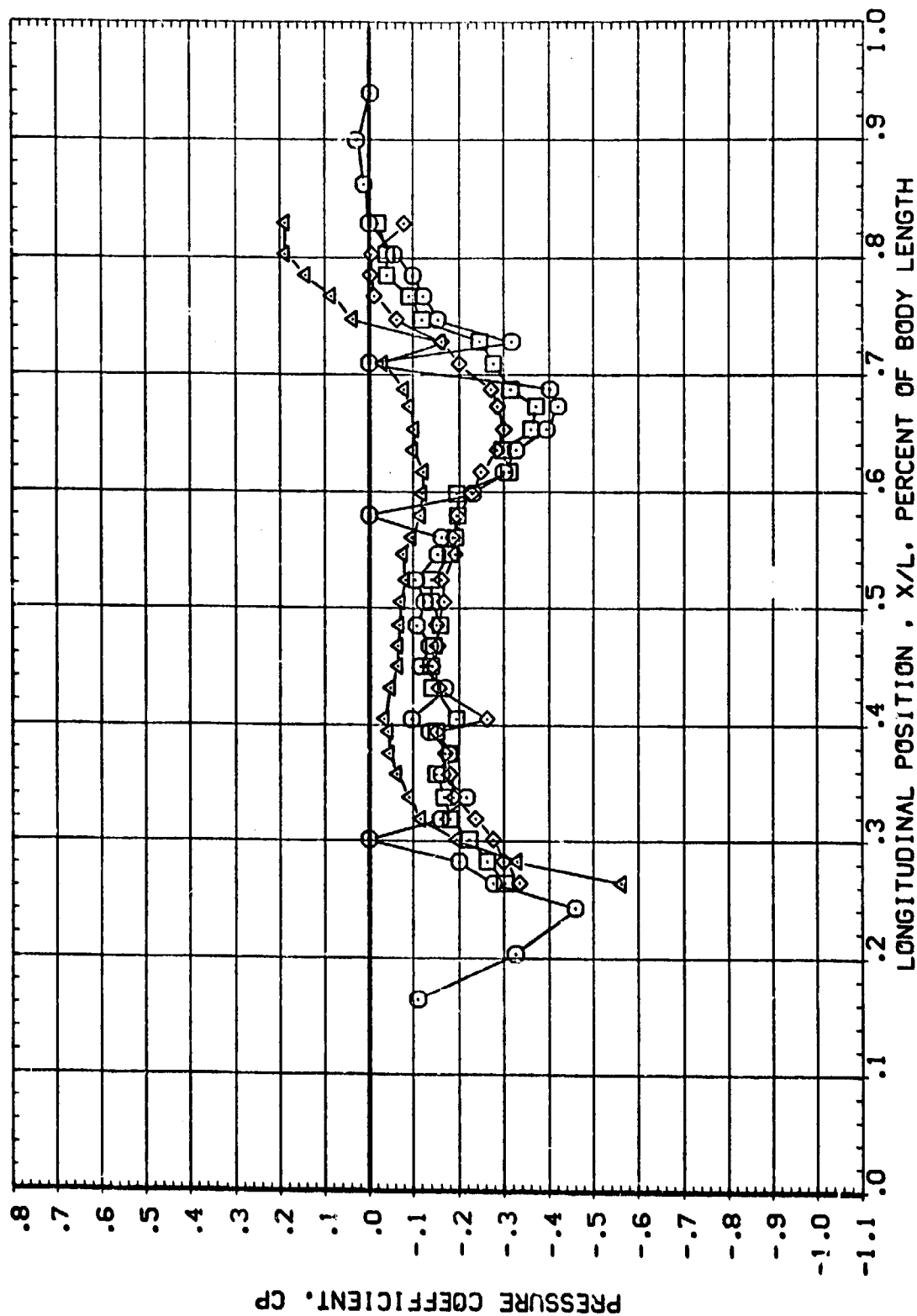
SYMBOL
 □
 ◇
 △



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

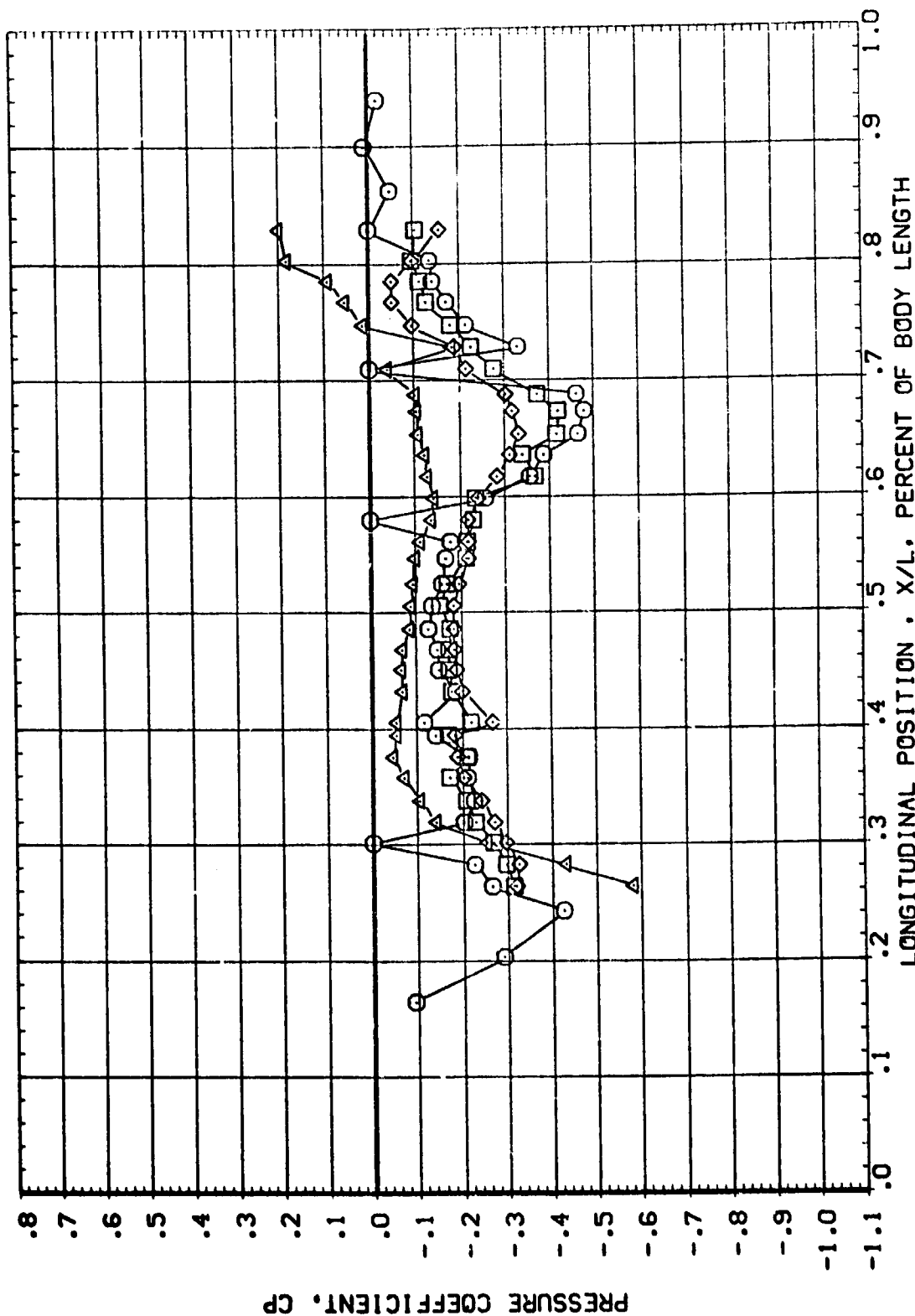
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDER	
○	90.000	10.450	.749	.000	.000	.000	
◇	100.000			.000			
△	110.000			3.500			
	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-500 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

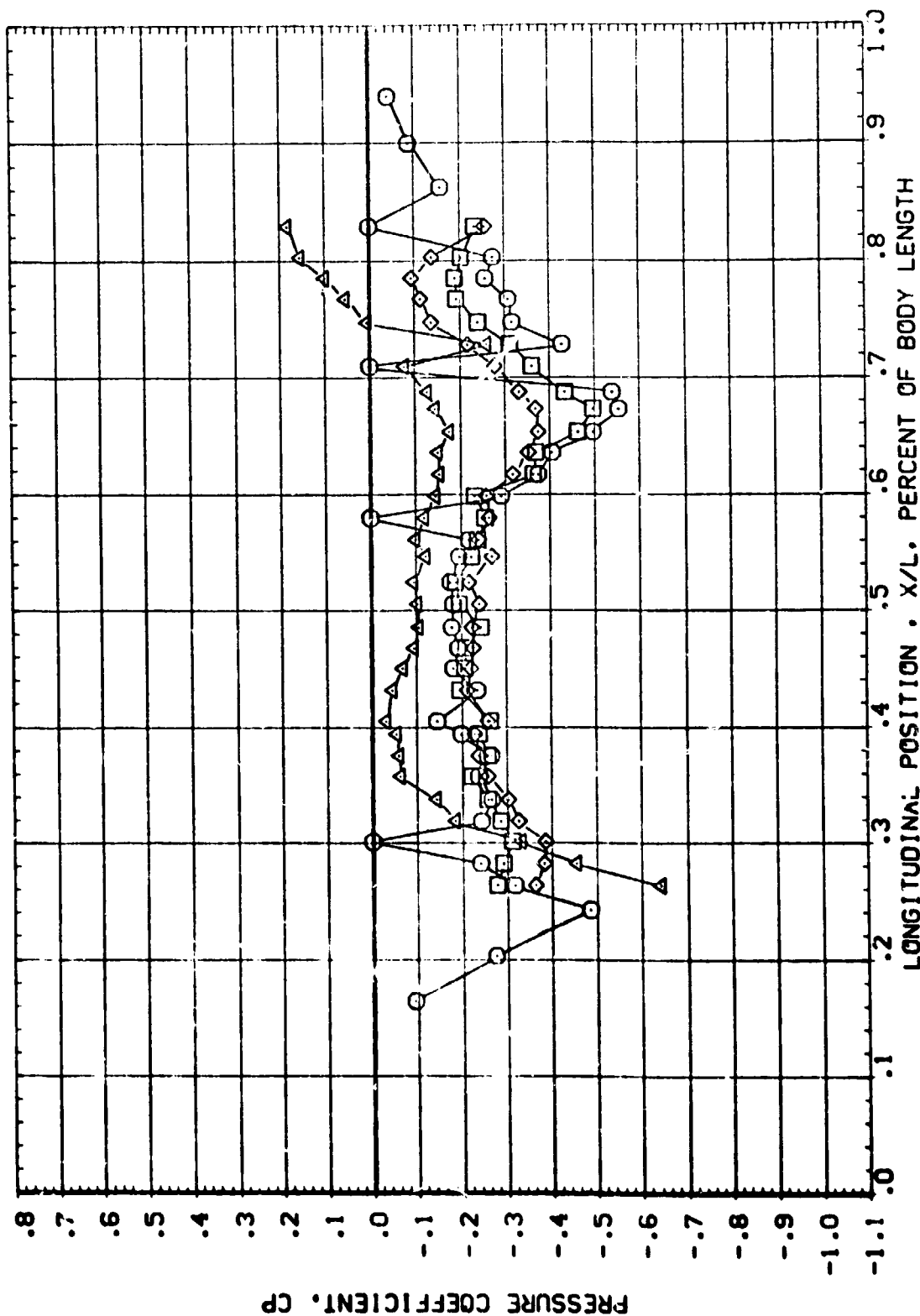
SYMBOL	P-HI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	12.590	.751	AIRLON	.000 ELEVTR
□	100.000			RN/L	.000 RUDDER
△	110.000				3.500
	160.000				-15.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

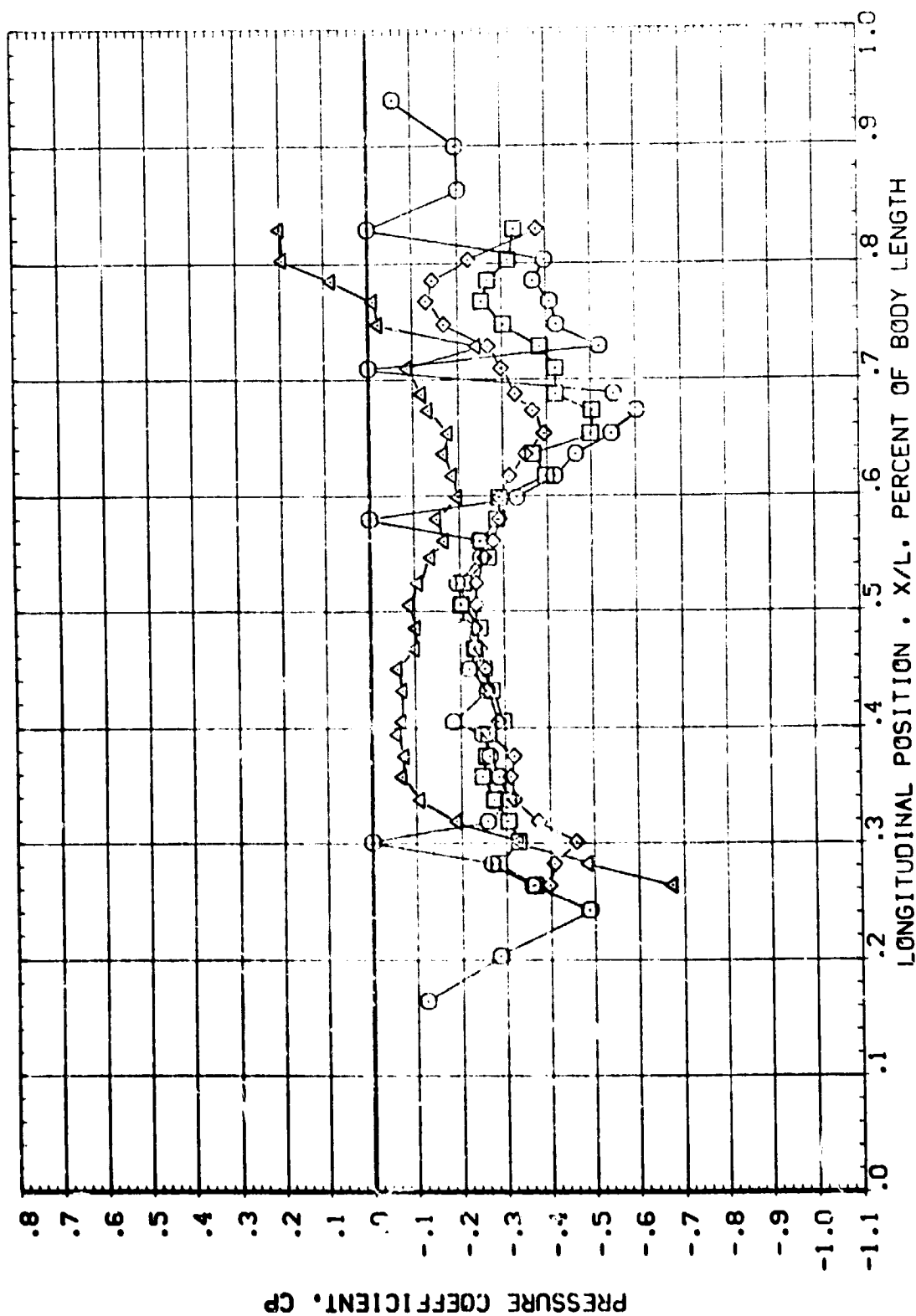
SYMBOL	PMI	ALPHA	MACH	PARAMETRIC VALUES		
	90.000	14.690	.752	BETA	.000	ELEVTR
	100.000			AILROV	.000	RUDDER
	110.000			RMV	3.500	
	180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC0002)

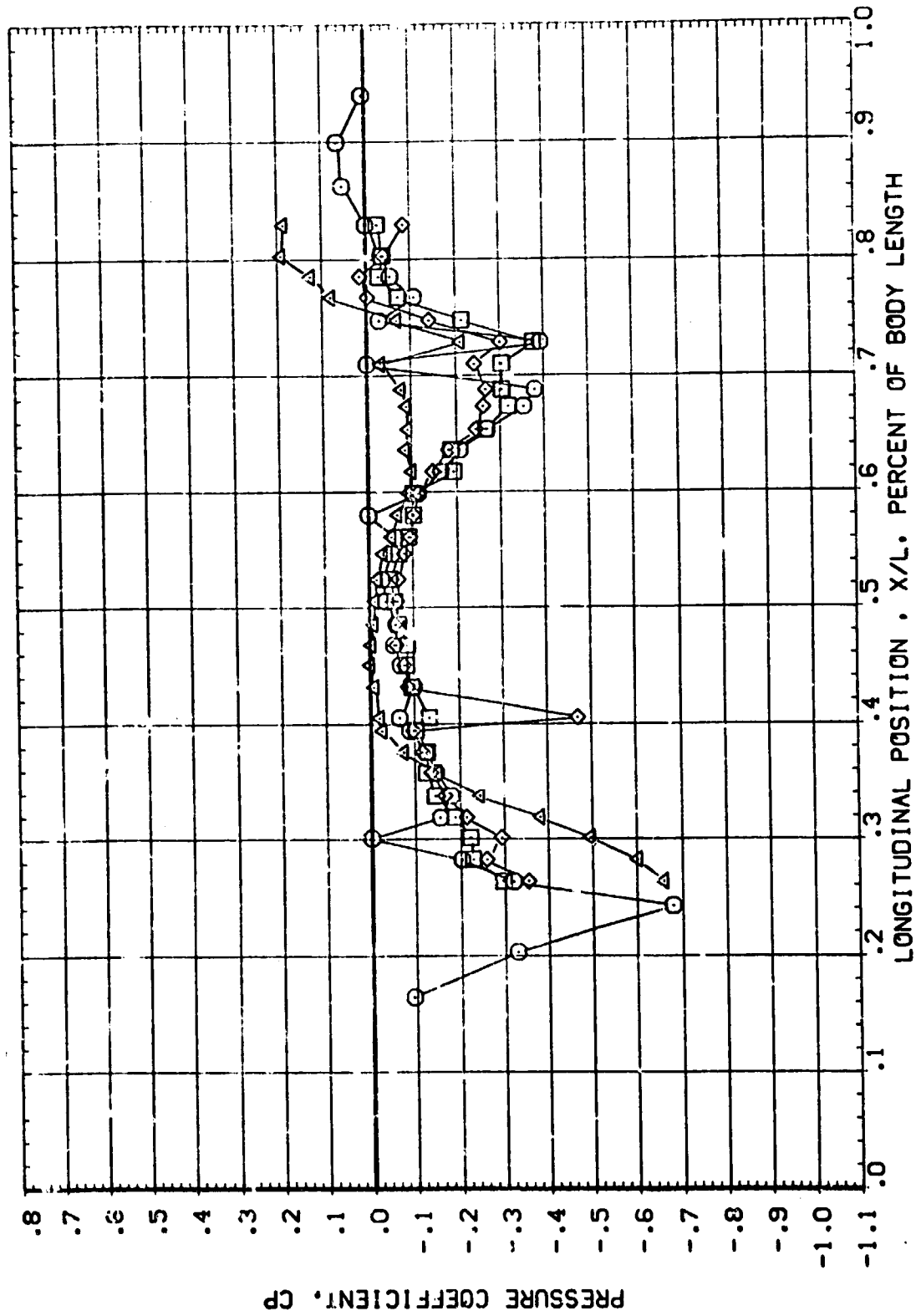
SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	90.000	16.740	.750	.000	ELEVTR
◇	100.000			.000	RUDDER
△	110.000			3.500	
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 56-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES
○	90.000	6.435	.849	.000	.000	3.500	ELEVTH -15.000
□	100.000			.000	.000		RUDDER .000
△	110.000						
◇	180.000						



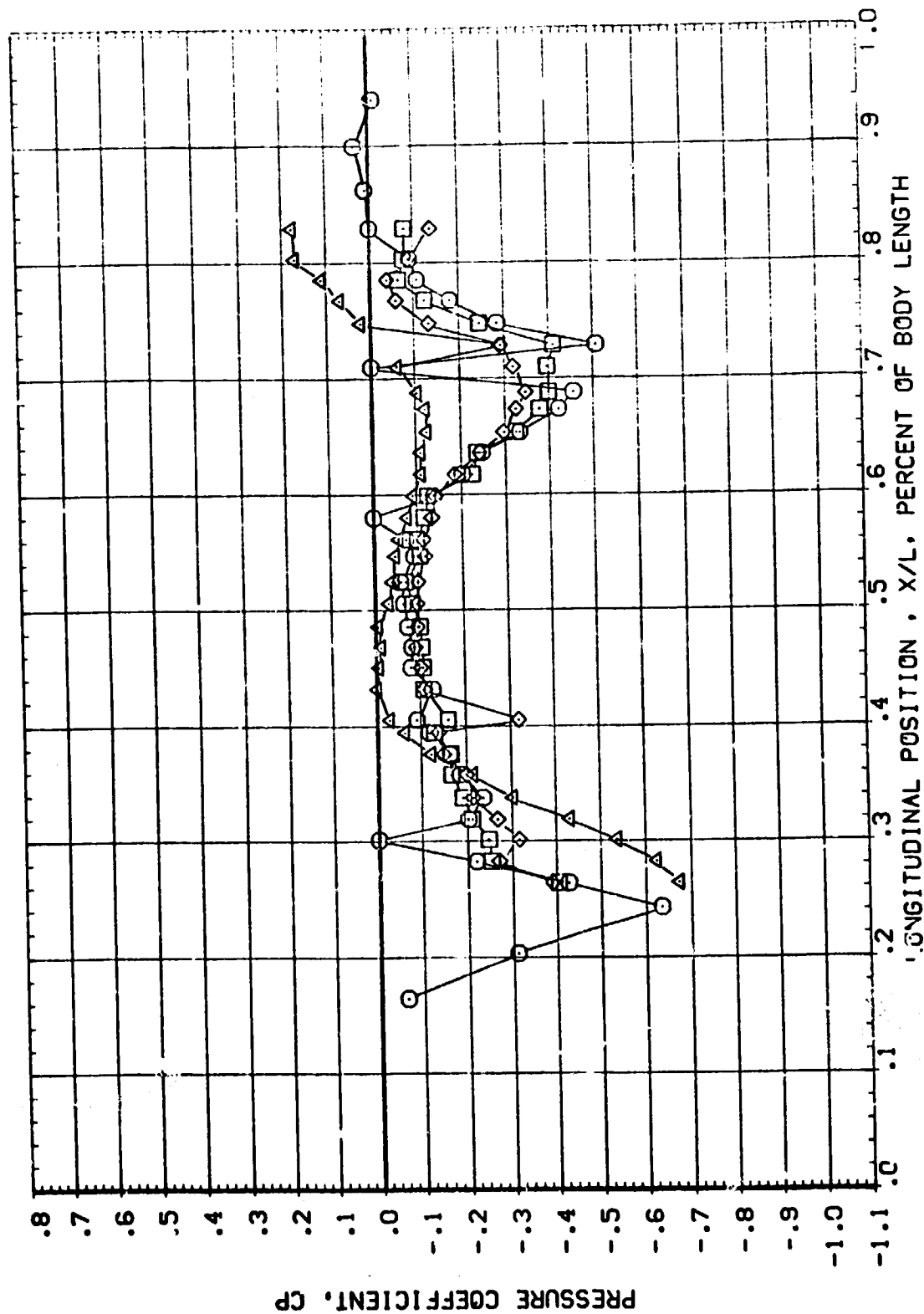
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL
 ○ 90.000
 □ 100.000
 ◇ 110.000
 △ 120.000

ALPHA 8.548
 MACH .652

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RU/L 3.500
 ELEVTR -15.000
 RUDDER .000

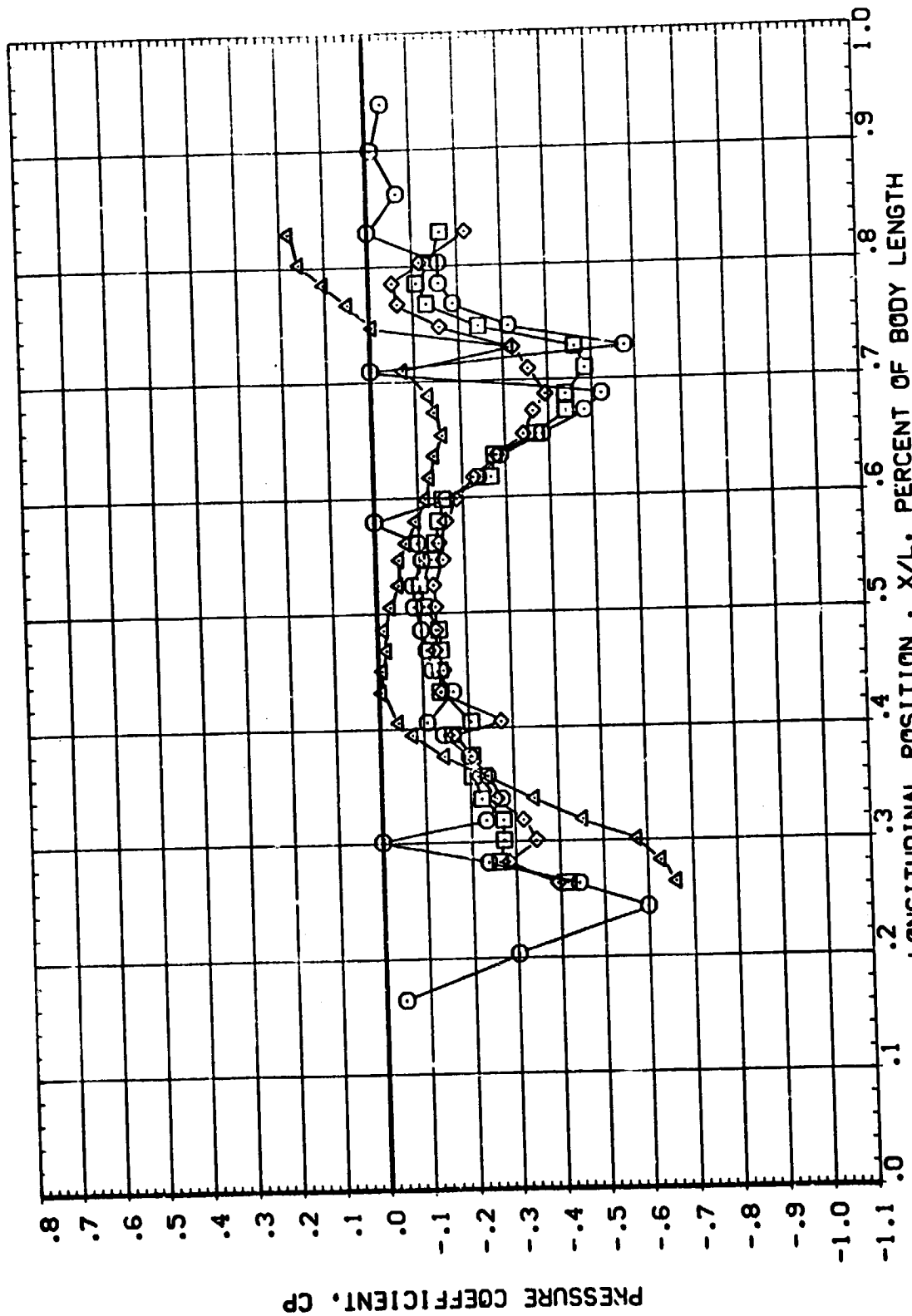


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

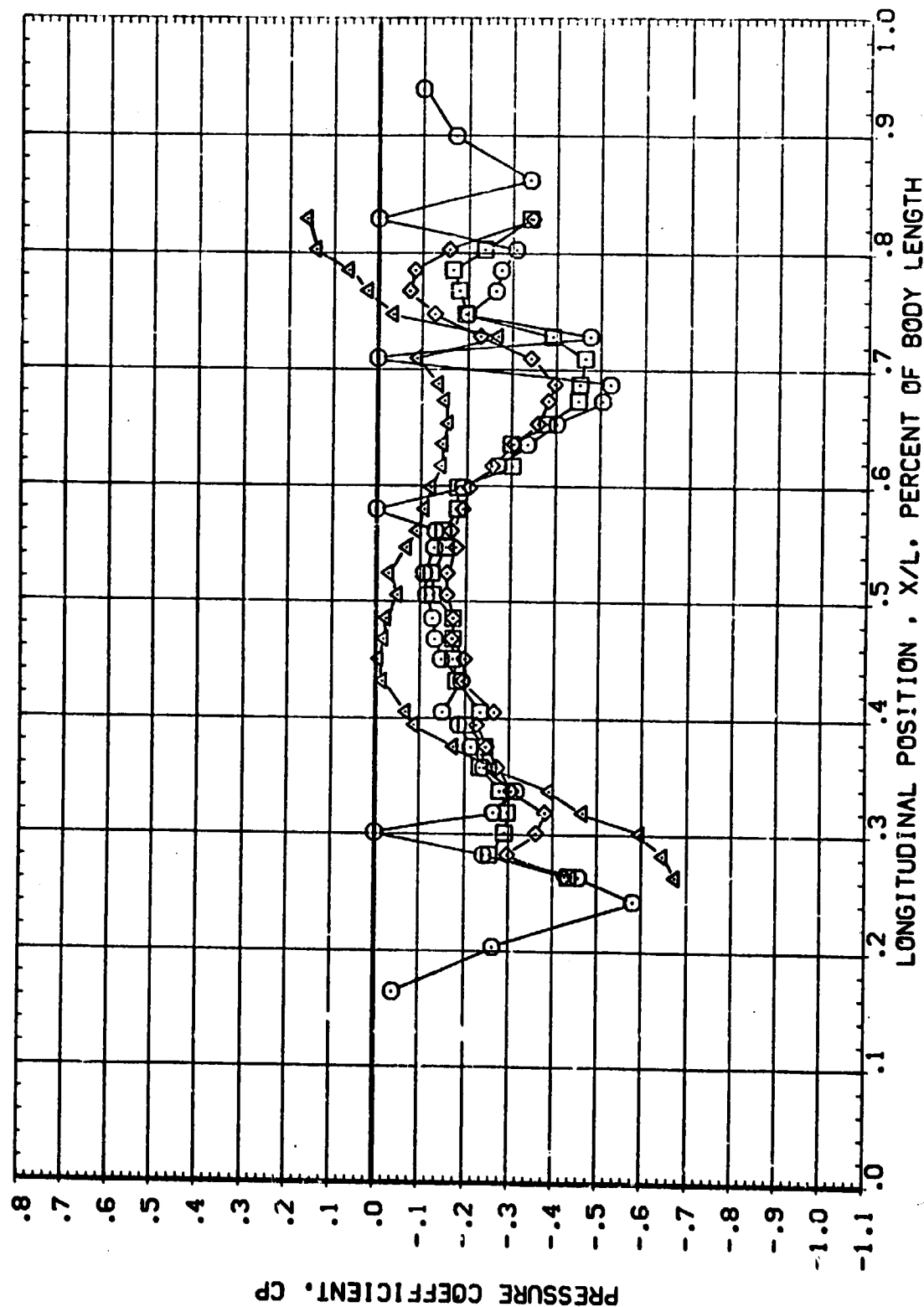
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	RJDOER
○	90.000	10.620	.851	.000	.000	.000
□	100.000			.000		
◇	110.000			3.500		
△	180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

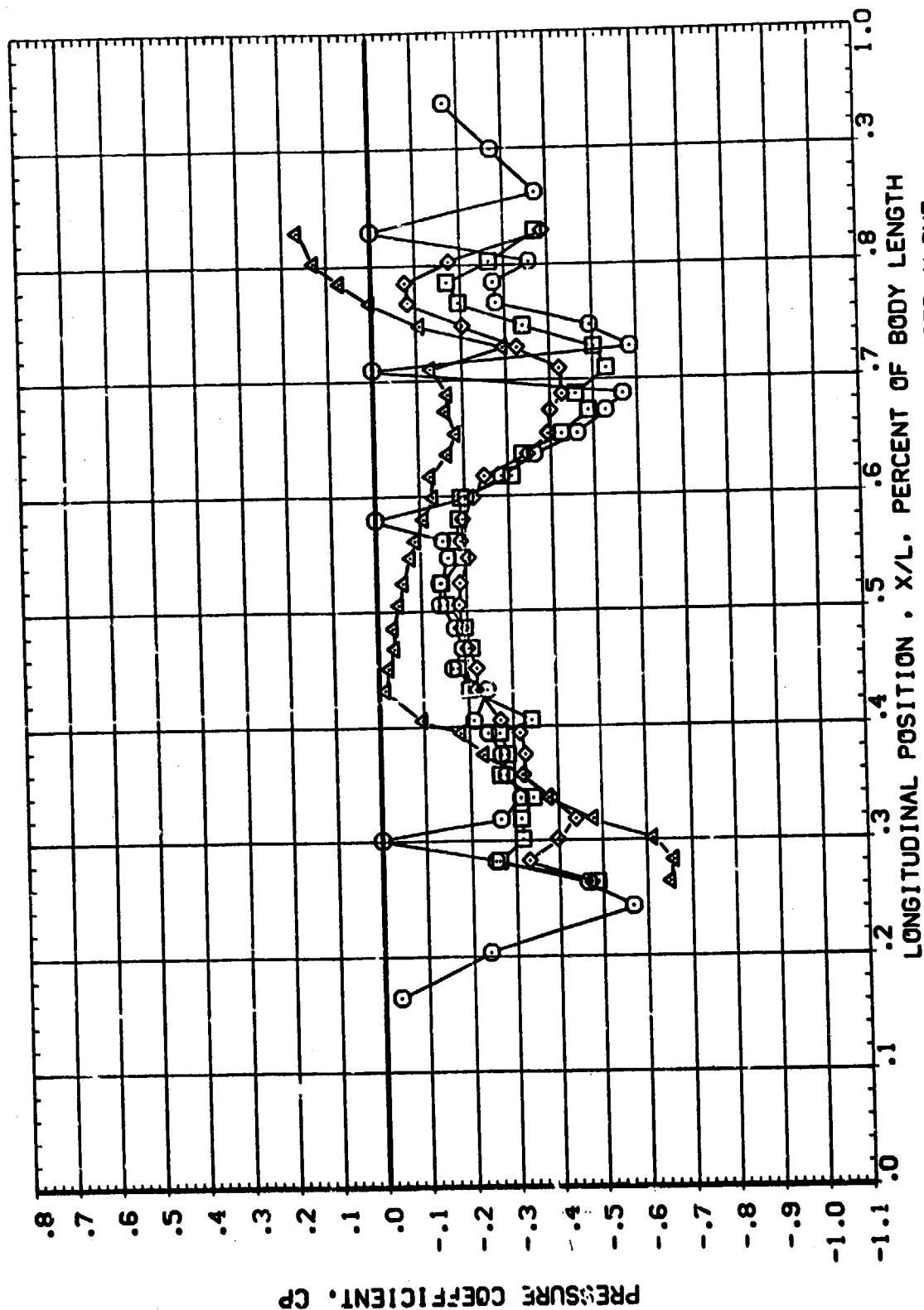
PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES	
50.000	12.710	.849	AILRON	.000	
100.000			RN/L	3.500	
110.000				ELEVTR	
160.000				RUDDER	
					-15.000



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL PMI ALPHA MACH
 □ 50.000 14.840 .850
 ◇ 100.000
 △ 110.000
 180.000

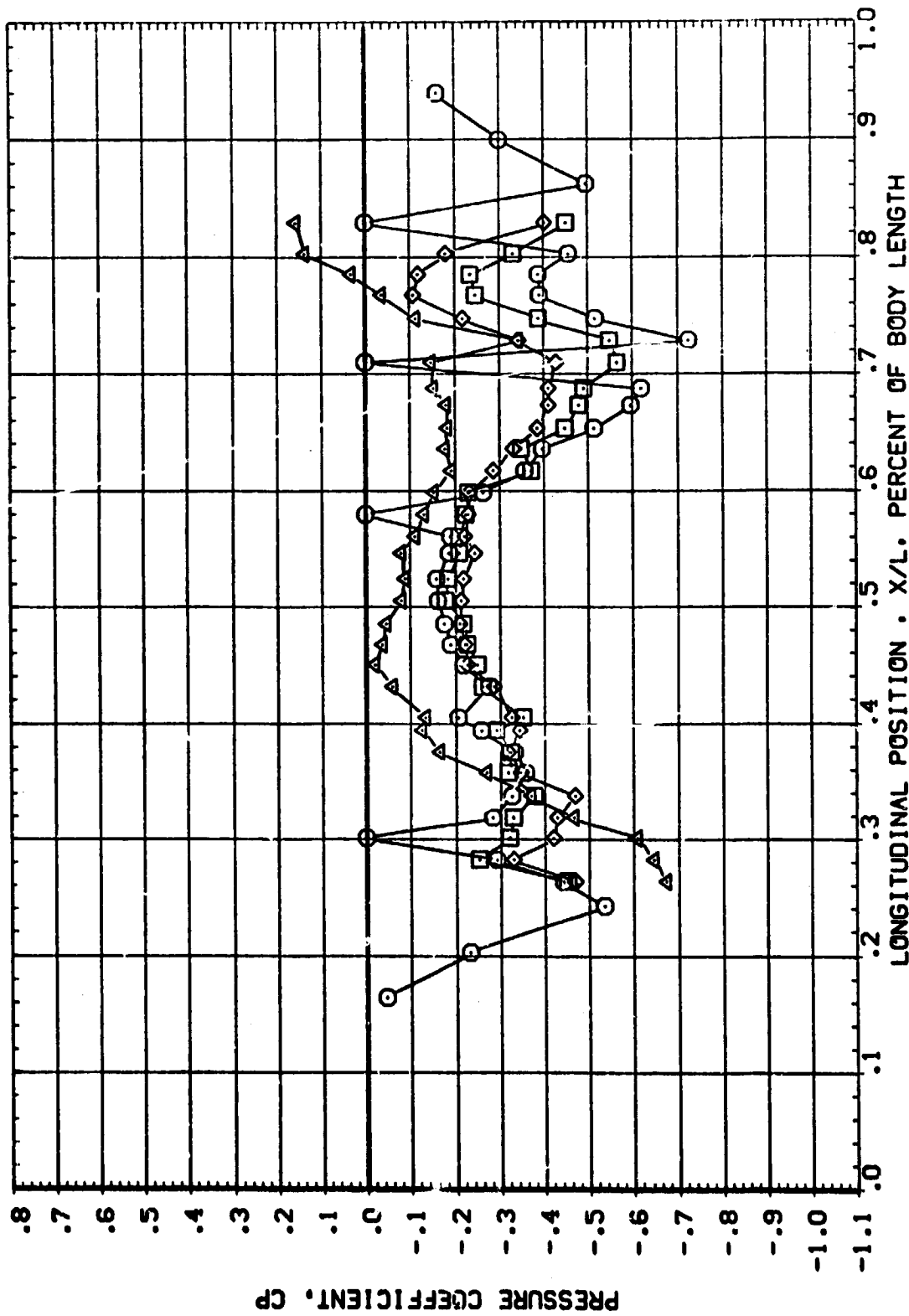
PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RV/L 3.500



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PHI	ALPHA	MACH	BETA	ELEVTR	RUDDER
○	90.000	16.900	.852	.000	.000	-15.000
□	100.000			.000	.000	
◇	110.000			3.500		
△	180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

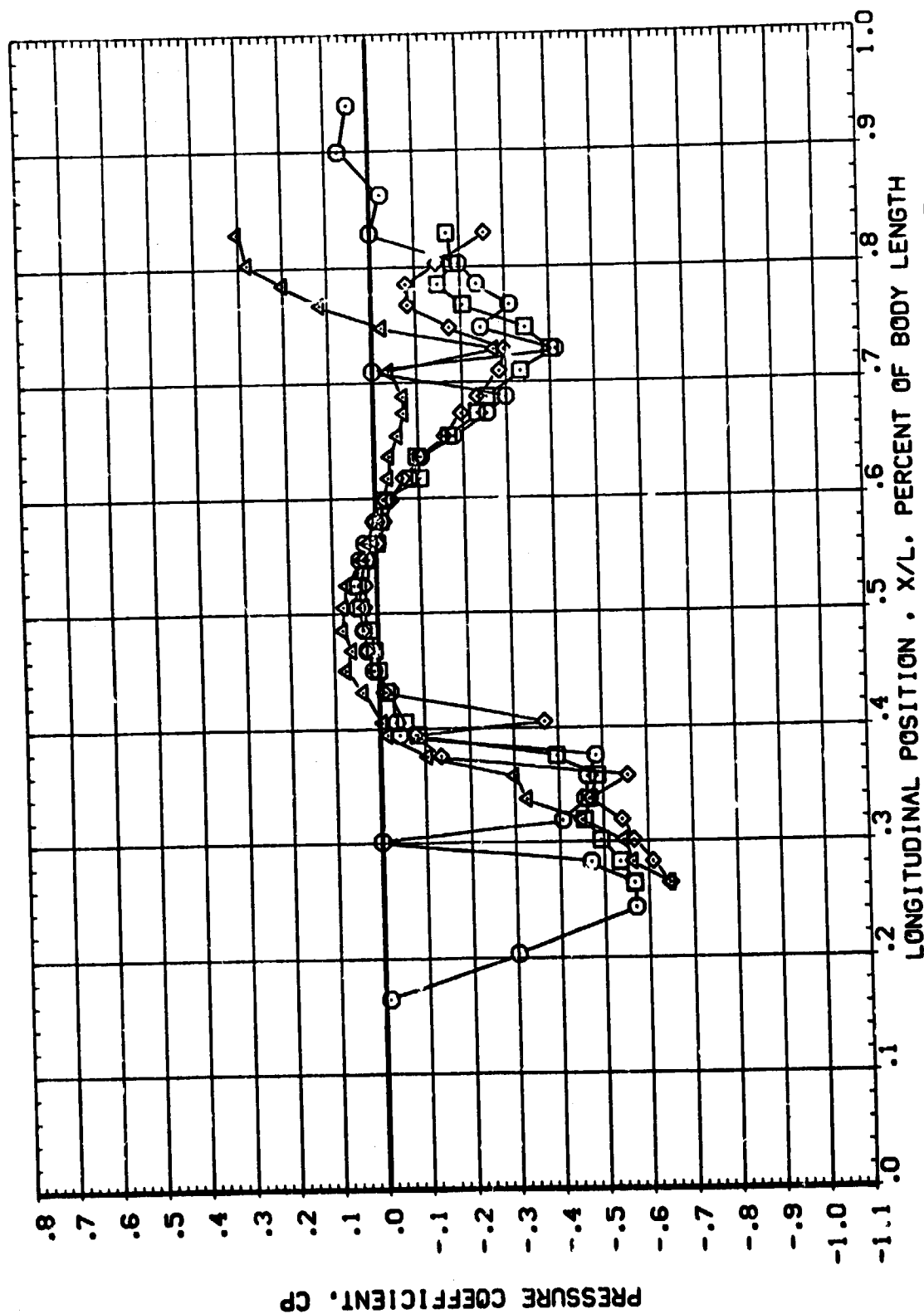
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL
 ○ 90.000
 □ 100.000
 ◇ 110.000
 △ 120.000

ALPHA MACH
 6.528 .952

BETA
 .000
 AILRON
 .000
 RVAL
 3.500

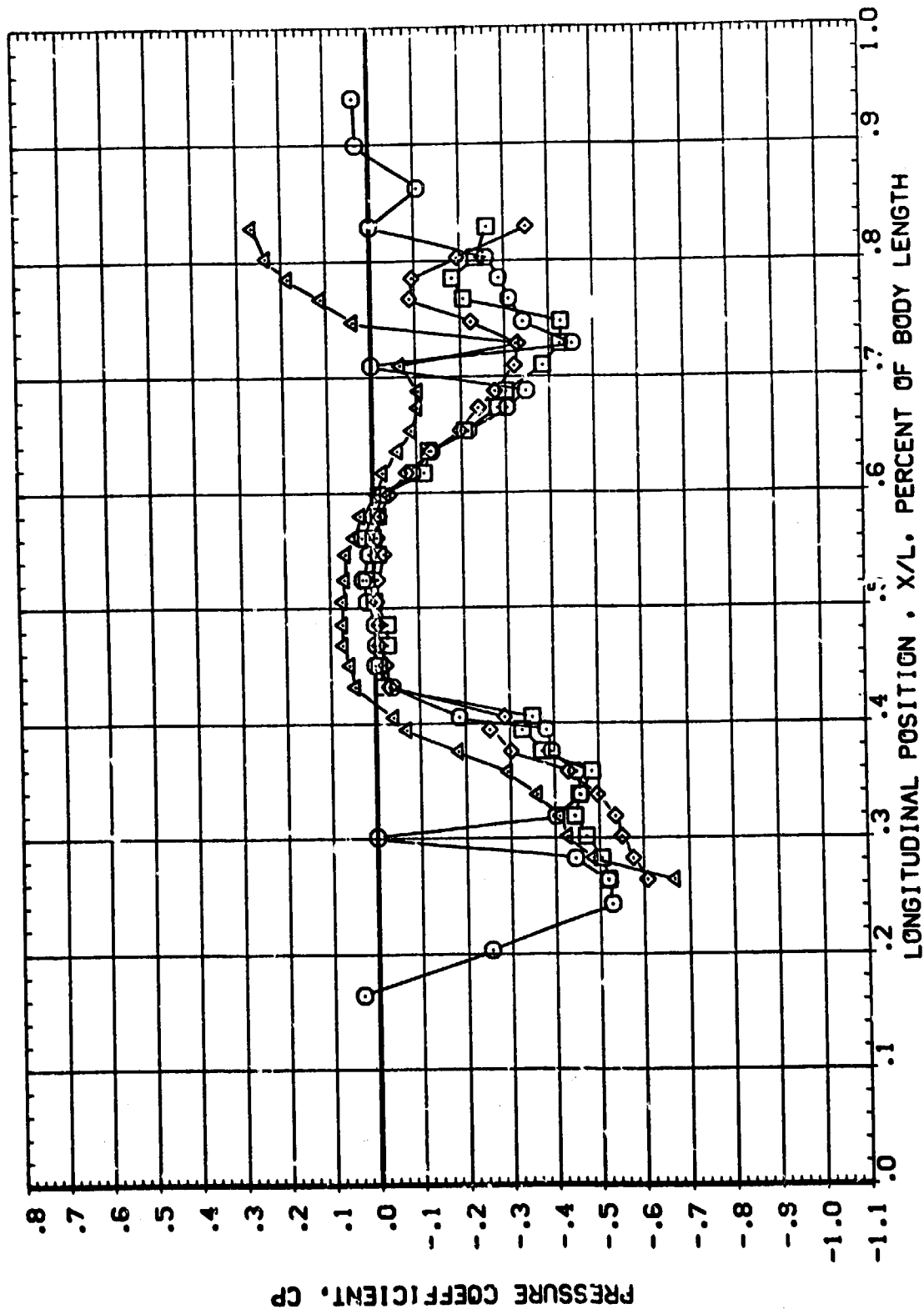
PARAMETRIC VALUES
 ELEVTR -15.000
 RUTGER .000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

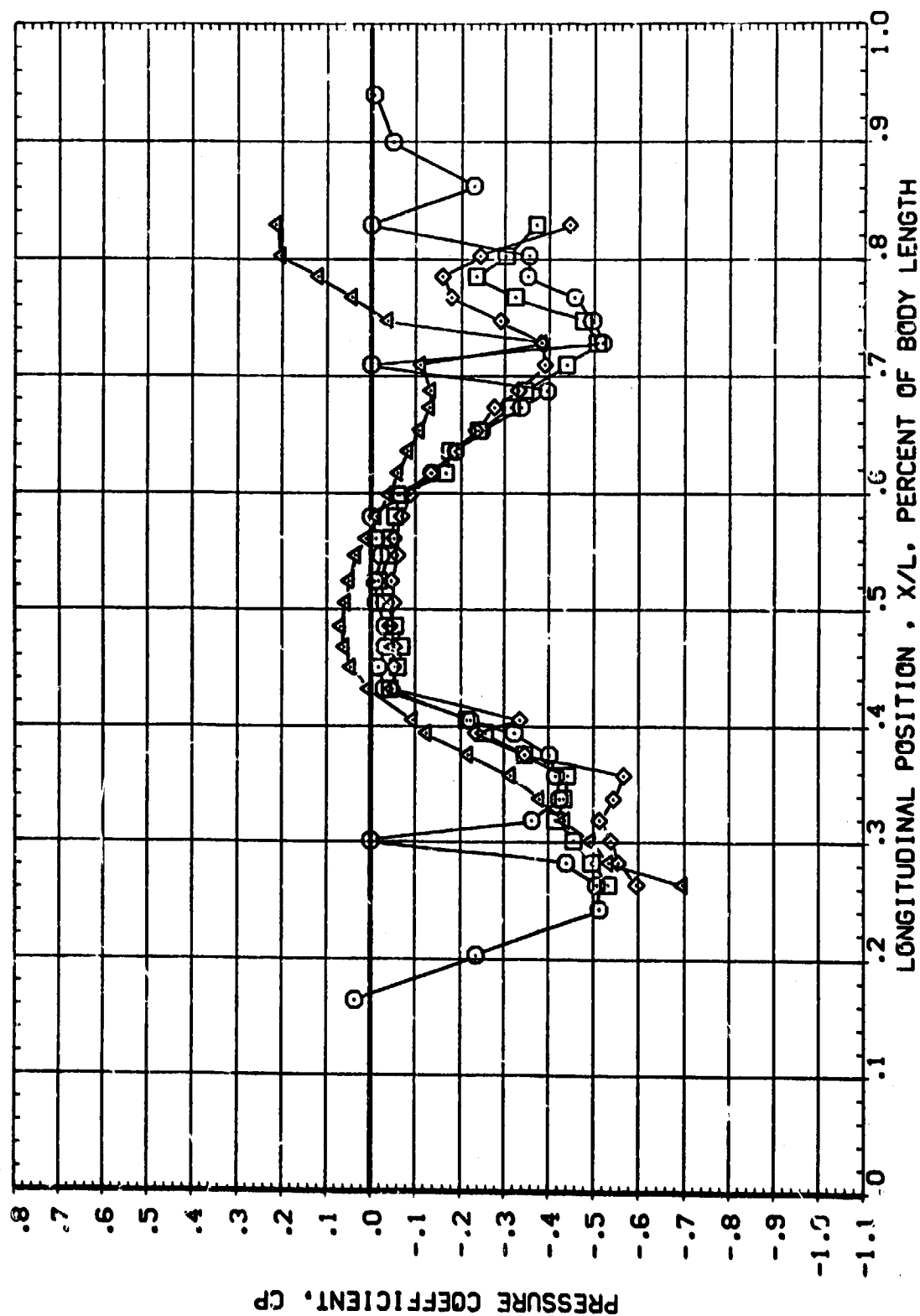
SYMBOL	PHI		ALPHA	MACH	PARAMETRIC VALUES				
	90.000	100.000	8.651	.956	BETA	ELEVTR	AILRON	RUDER	
□	100.000				.000	.000			
◇	110.000						3.500		
△	180.000							-15.000	
								.000	



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

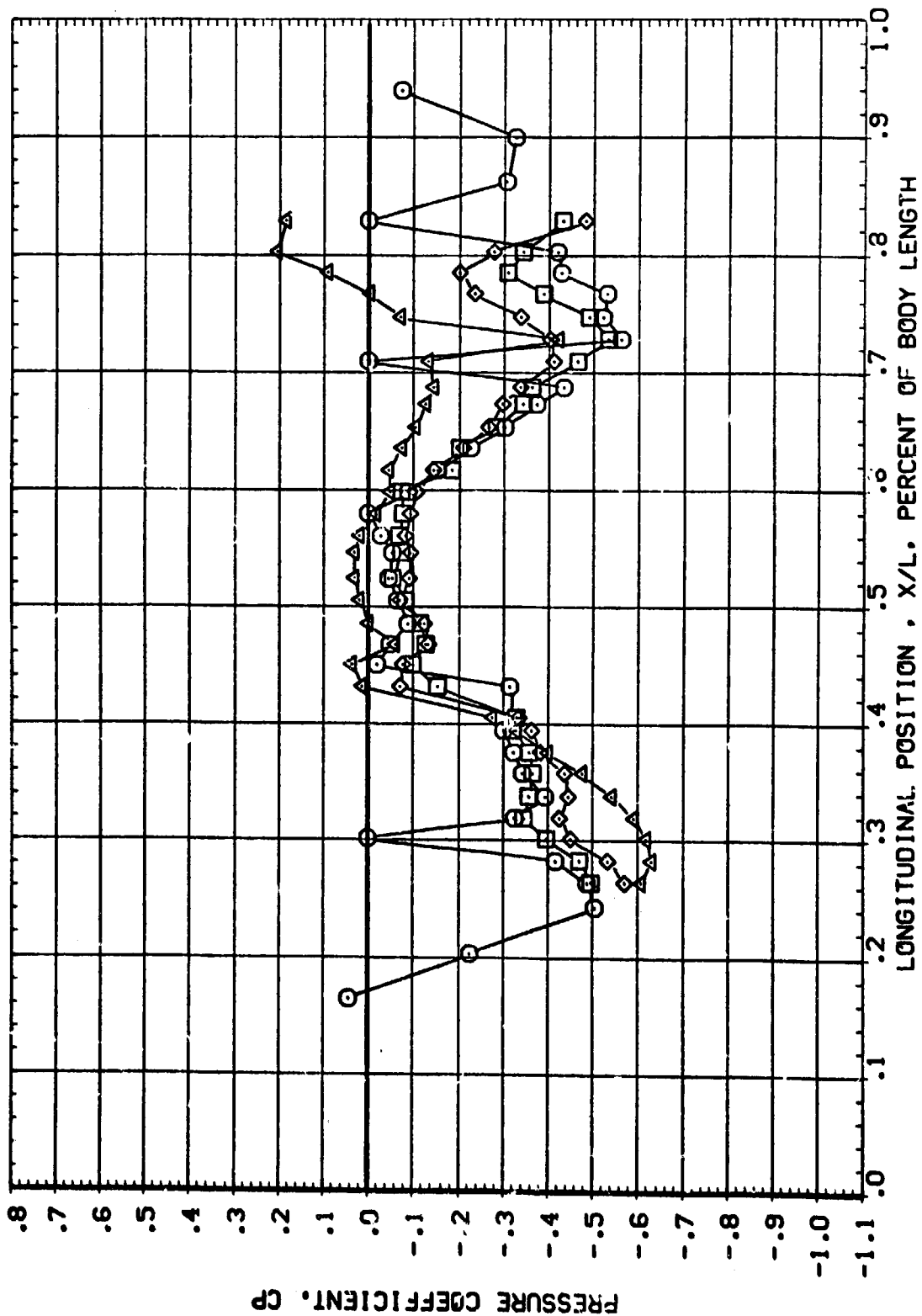
SYMBOL	PHI	ALPHA	MACH	BETA	ELEVTR	PARAMETRIC VALUES
○	90.000	10.760	.951	.000	.000	
□	100.000			.000	RUDER	
◇	110.000			3.500		
△	180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

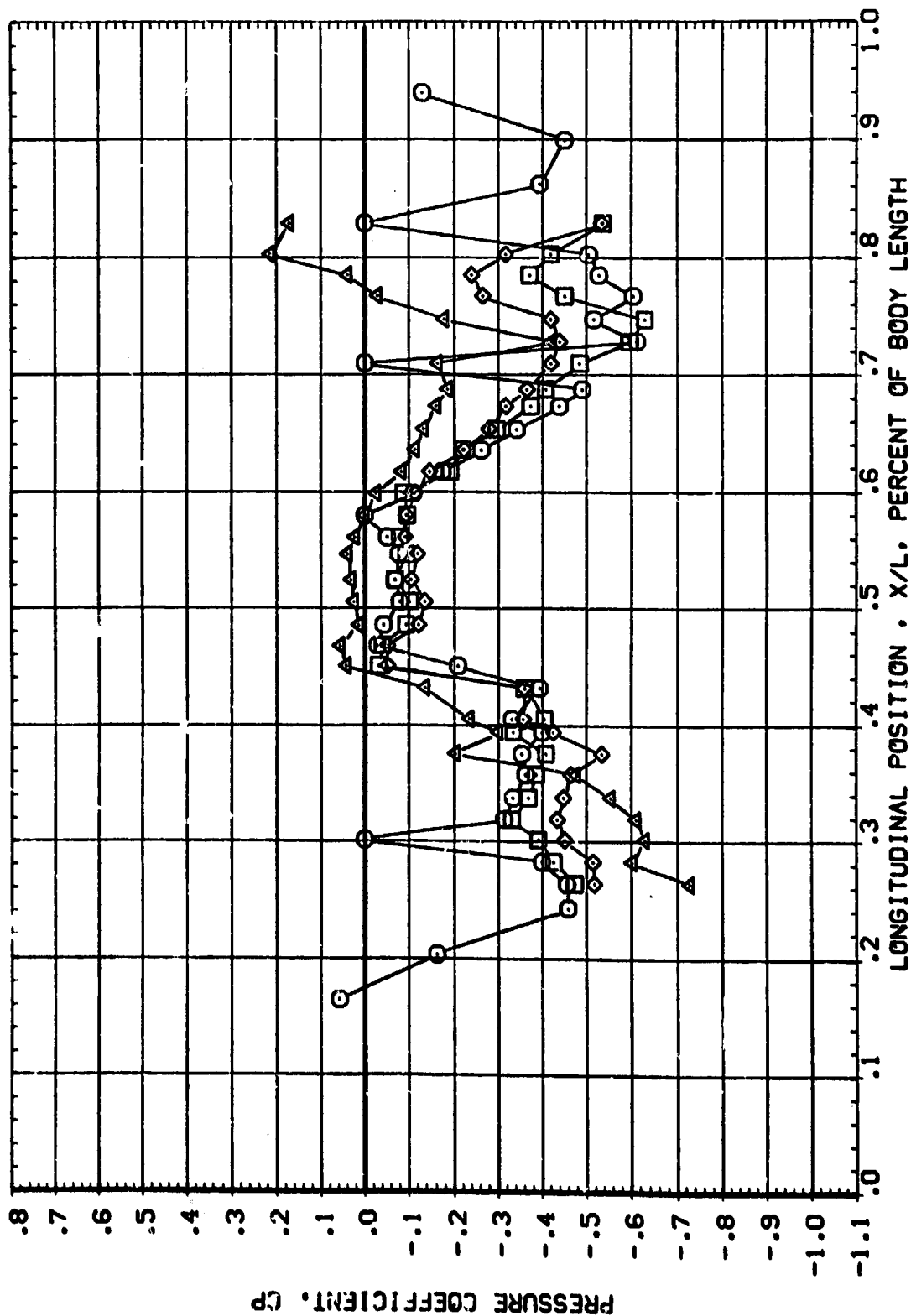
AMES 56-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PARAMETRIC VALUES	
	BETA	ELEVTR
○	.000	.000
□	.000	.000
◇	3.500	.000
△	3.500	.000



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

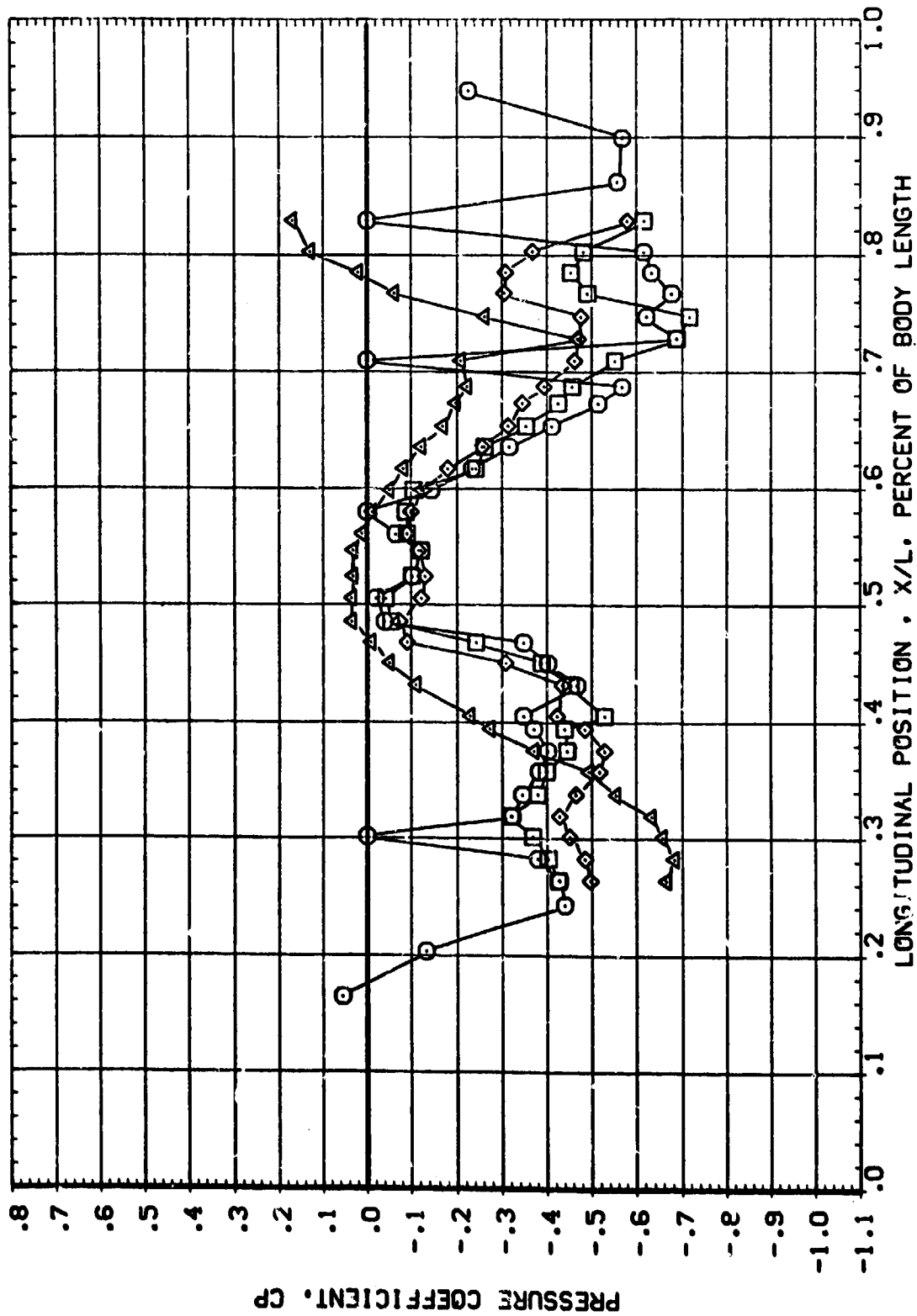
SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RNVL	PARAMETRIC VALUES
○	90.000	14.930	.575	.000	.000	3.500	ELEVTR -15.000
□	100.000			.000	.000		RUDER .000
◇	110.000						
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	17.020	.955	AILRON	.000 ELEVTR
□	100.000			RNV/L	.000 RUDDER
◇	110.000				3.500
△	180.000				-15.000

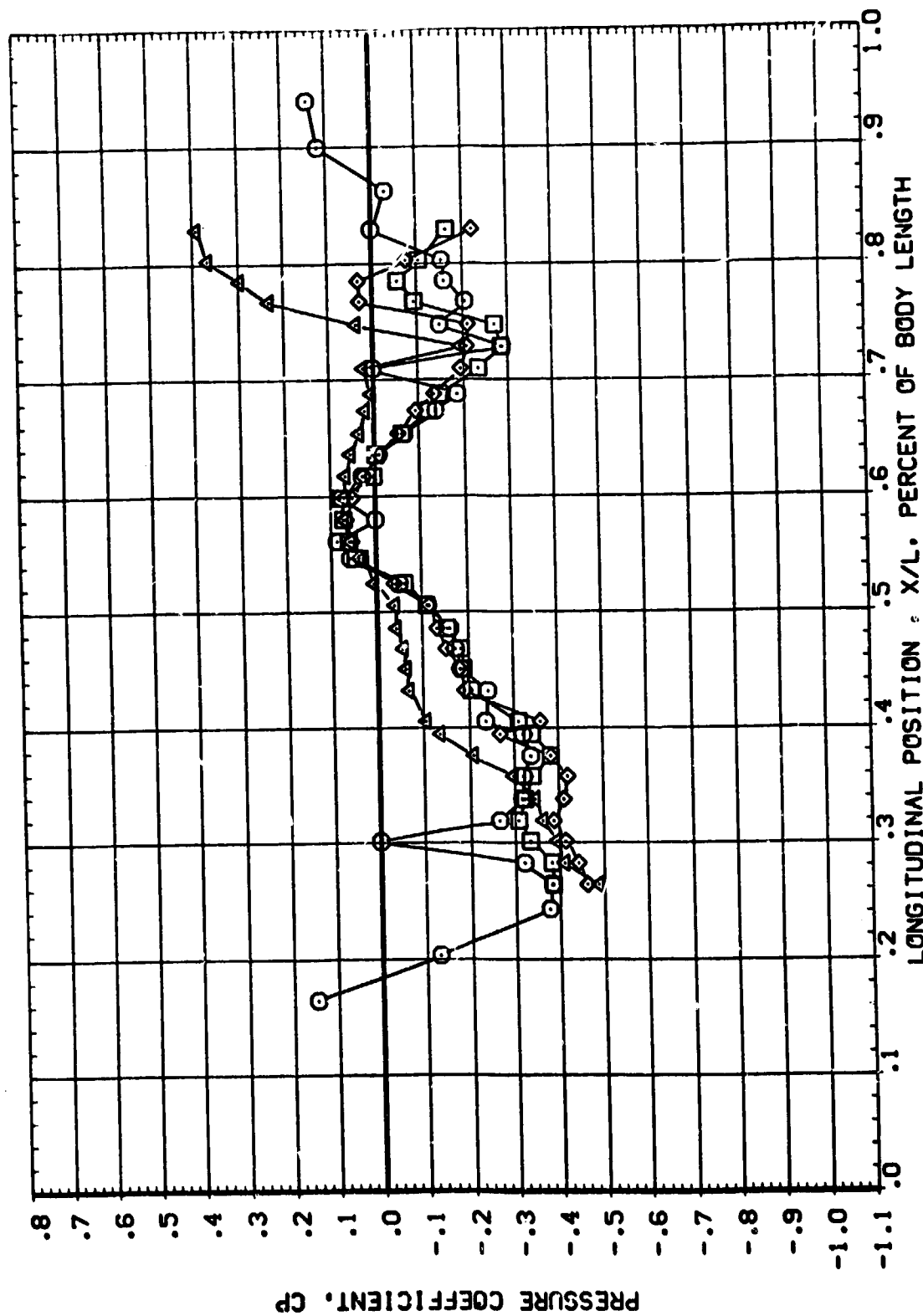


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL PWI ALPHA MACH
 ○ 90.000
 □ 100.000
 ◇ 110.000
 △ 180.000

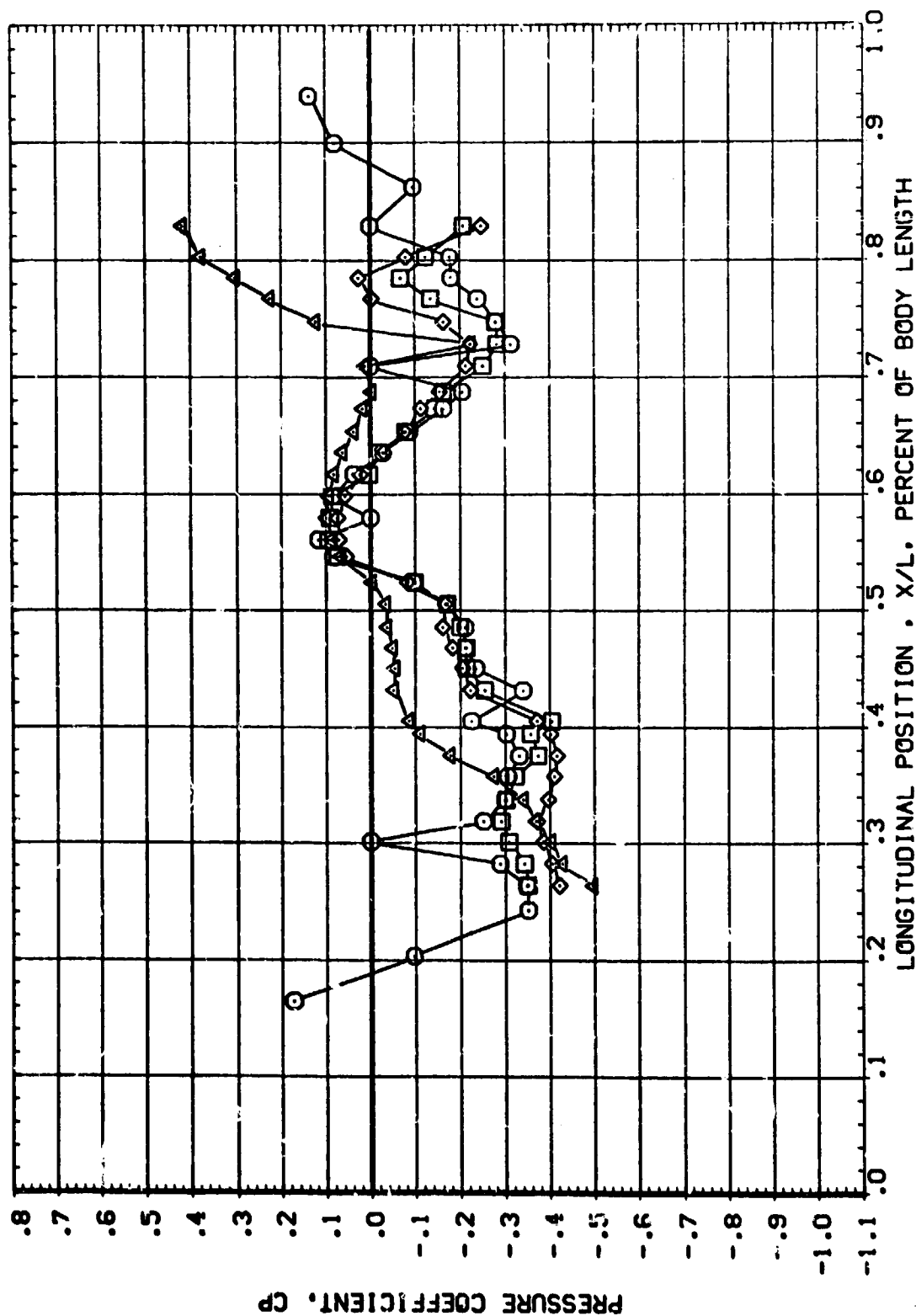
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RN/L 3.500
 ELEVTR -15.000
 RUDDER .000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	9.685	1.058	AILRON	.000 ELEVTR
□	100.000			RN/L	.000 RLODER
◇	110.000				3.500
△	120.000				-15.000

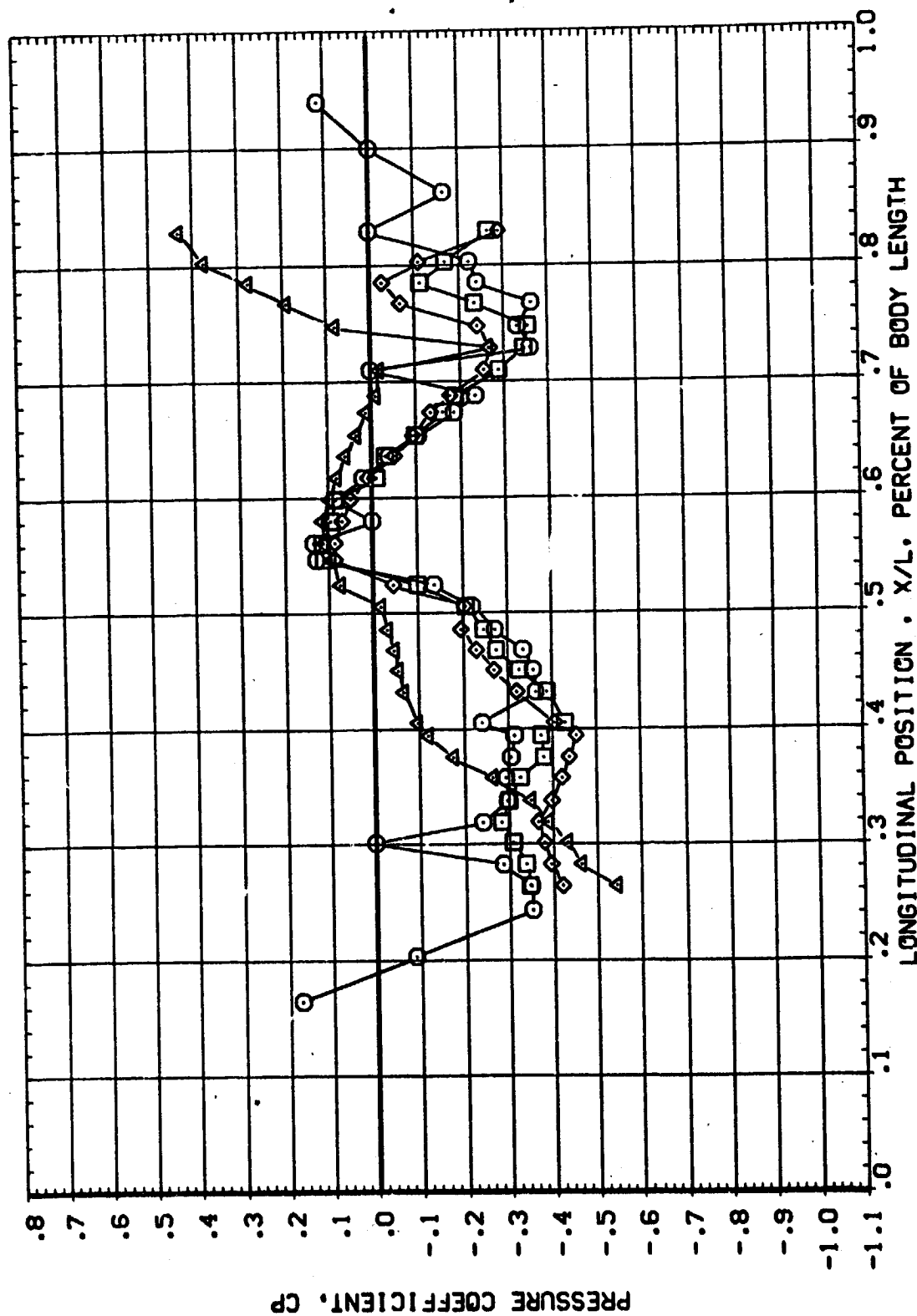


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

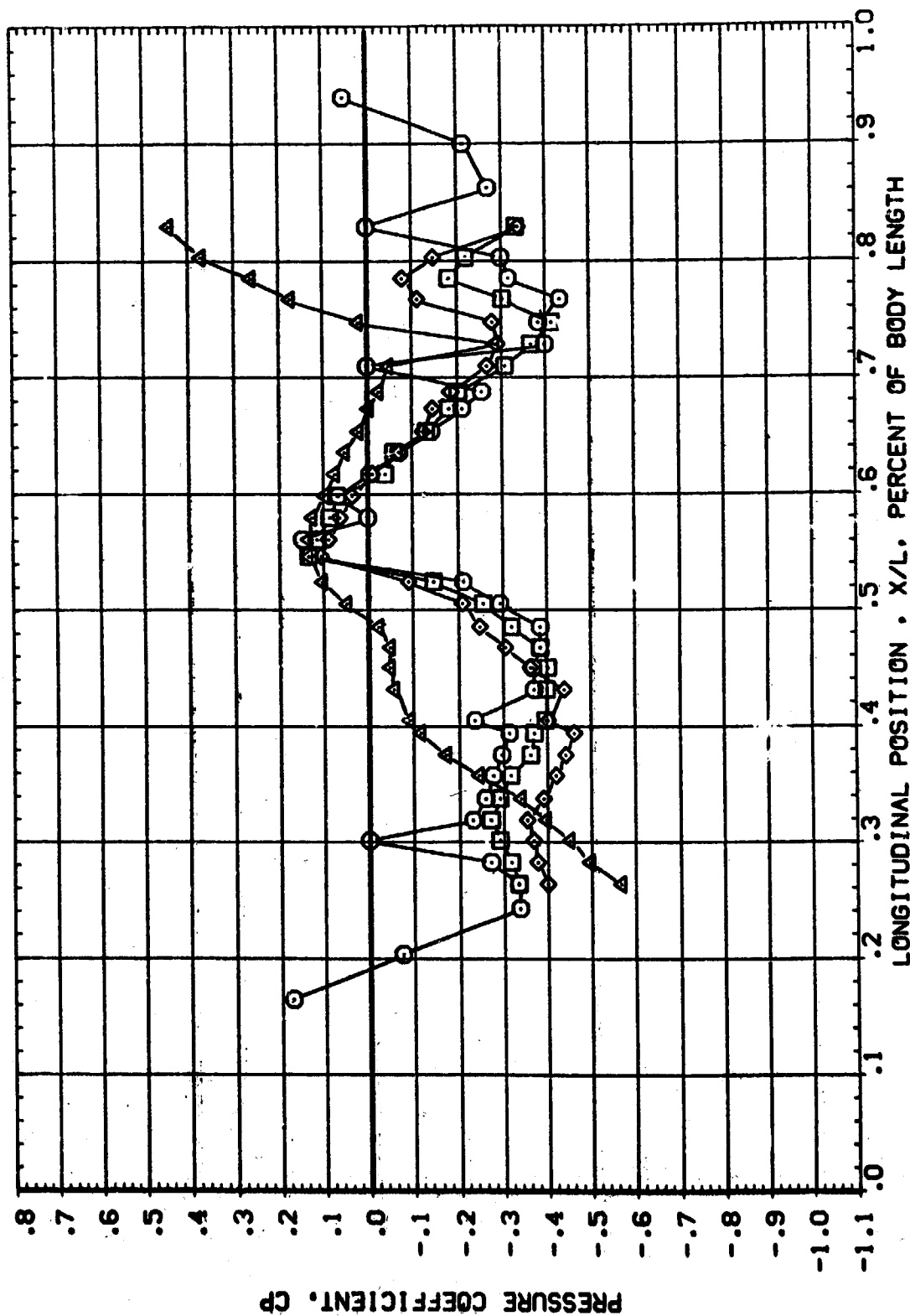
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
○	90.000	10.750	1.053	.000	.000	.000	
□	100.000			.000			
◇	110.000			3.500			
△	160.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	12.880	1.051	ALLISON	.000 ELEVTR
□	100.000			RN/L	.000 RUDDER
◇	110.000				3.500
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

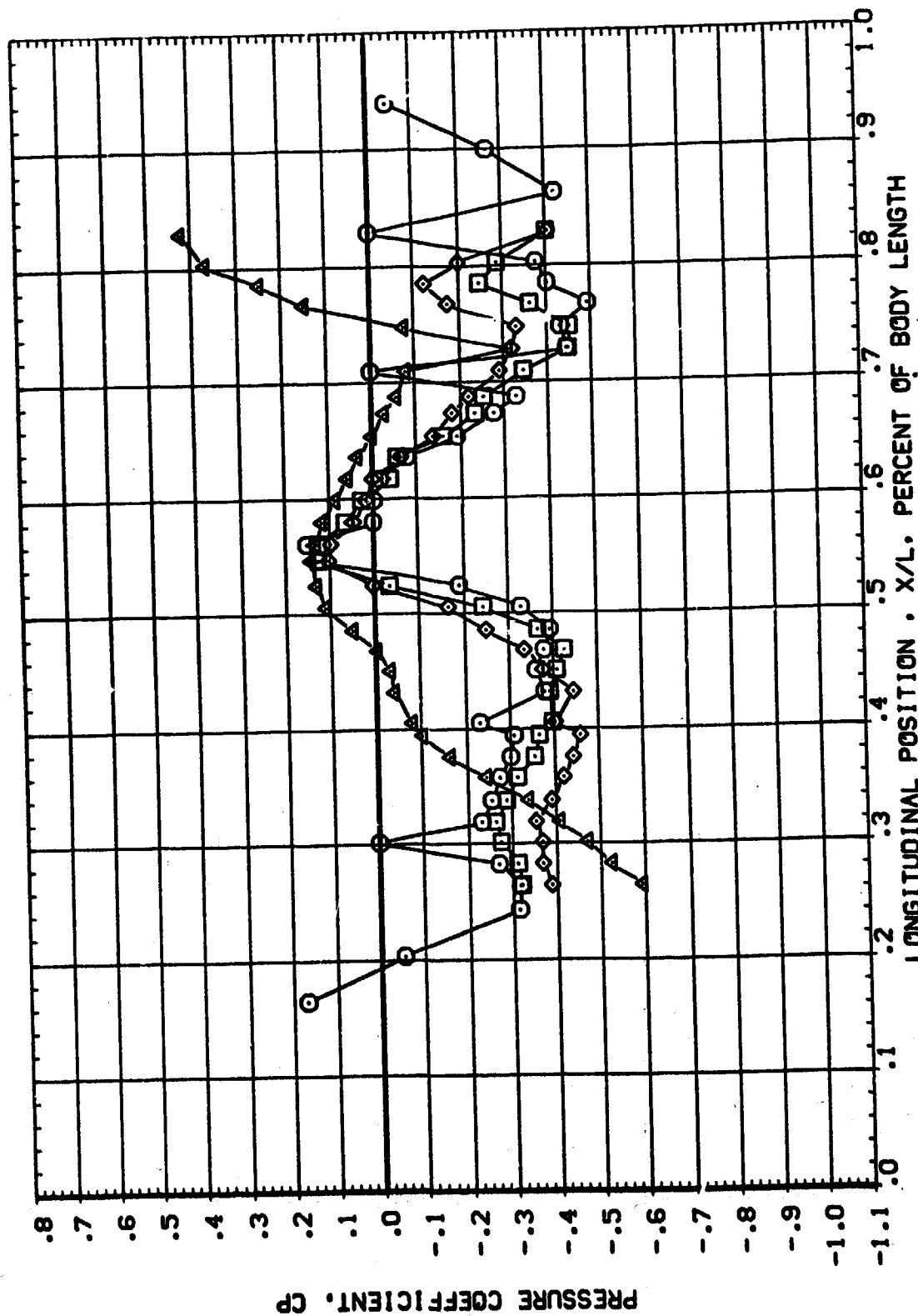
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PH1
 90.000
 100.000
 110.000
 180.000

ALPHA
 14.910

MACH
 1.046

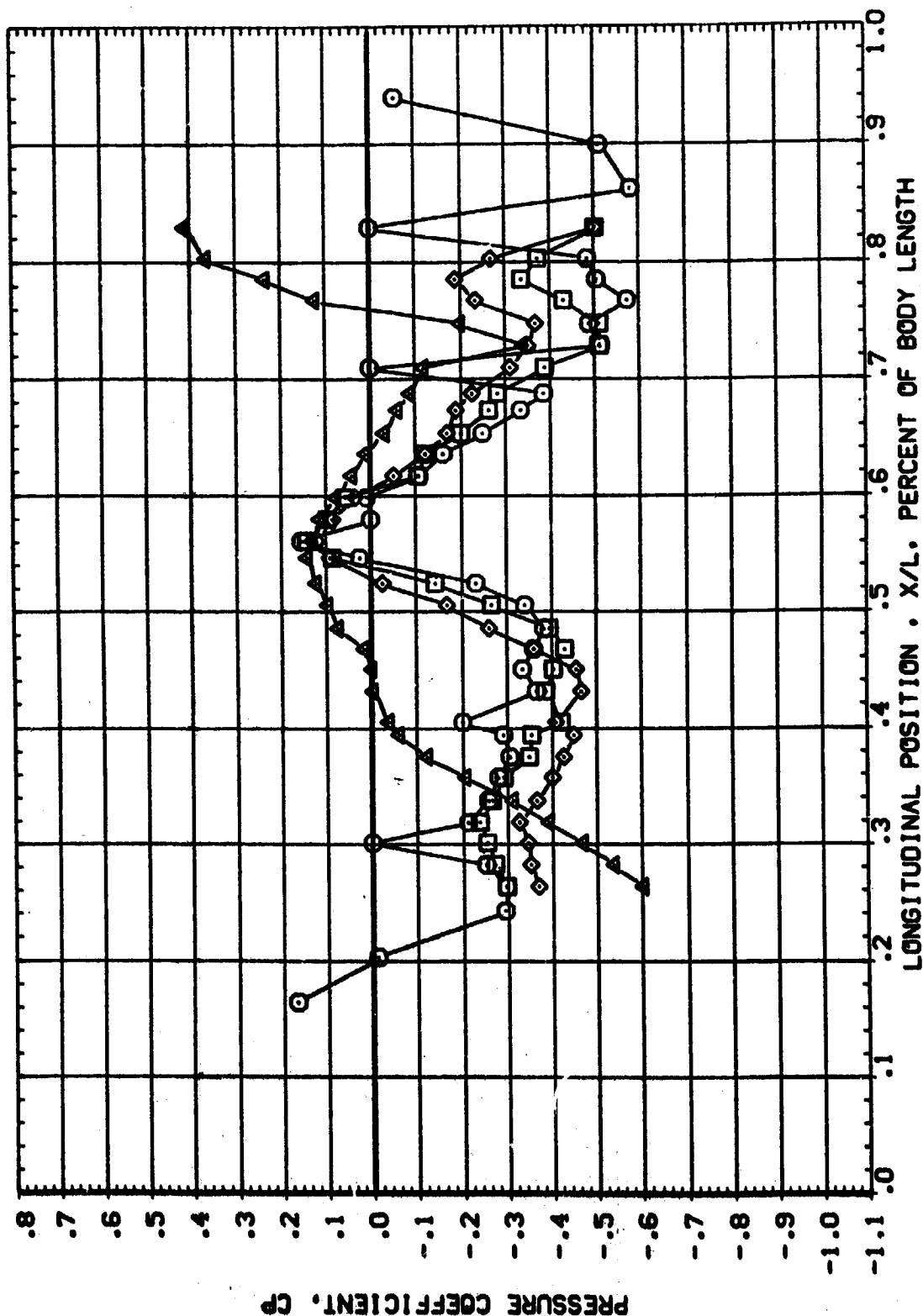
BETA
 .000
 ALLISON
 3.500
 RUA/L
 .000
 ELEVTR
 .000
 RUDDER
 .000
 PARAMETRIC VALUES
 -15.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

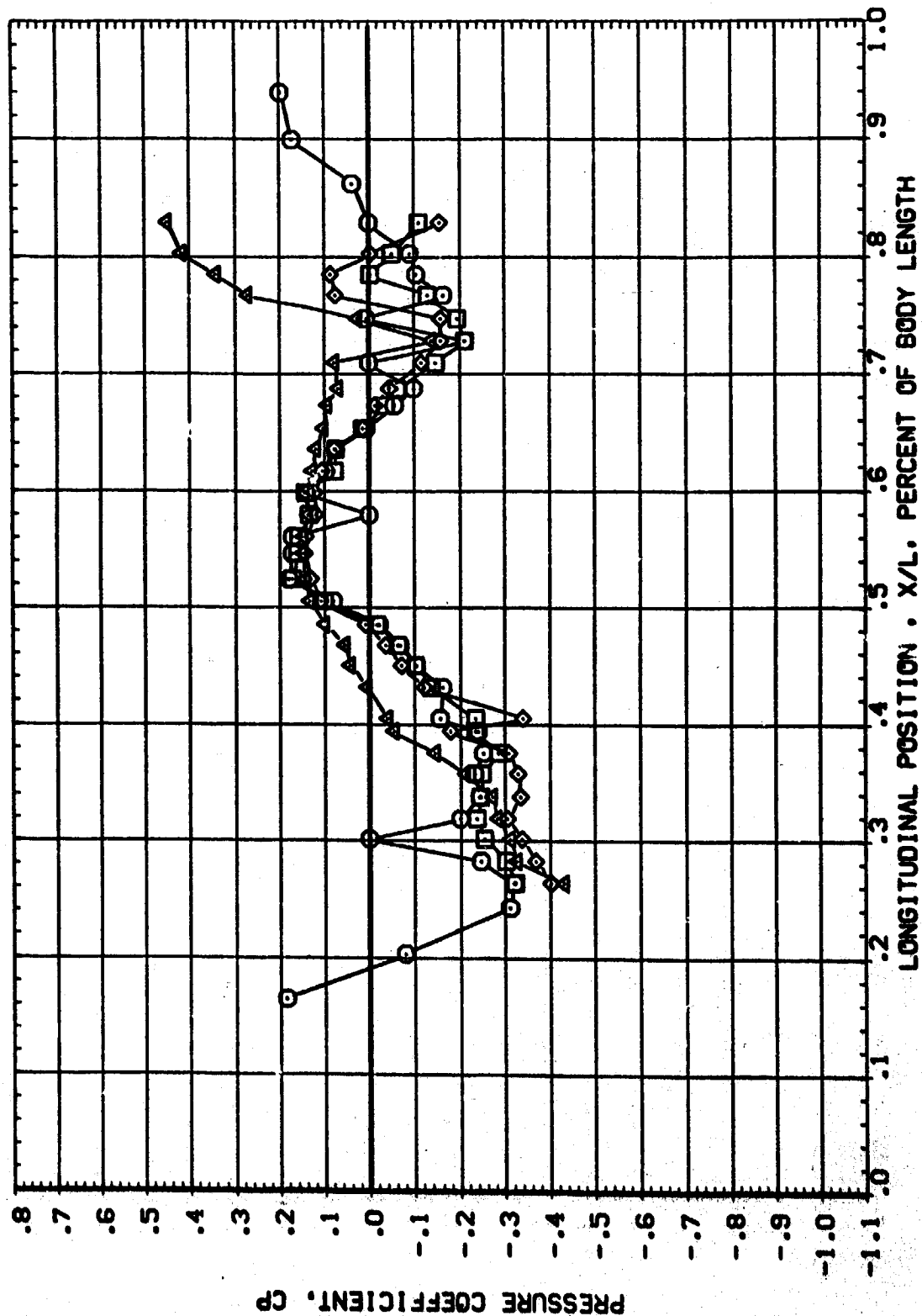
PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
50.000	17.070	1.049	AILRON	.000
100.000			RVL	.000
110.000				3.500
160.000				-15.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

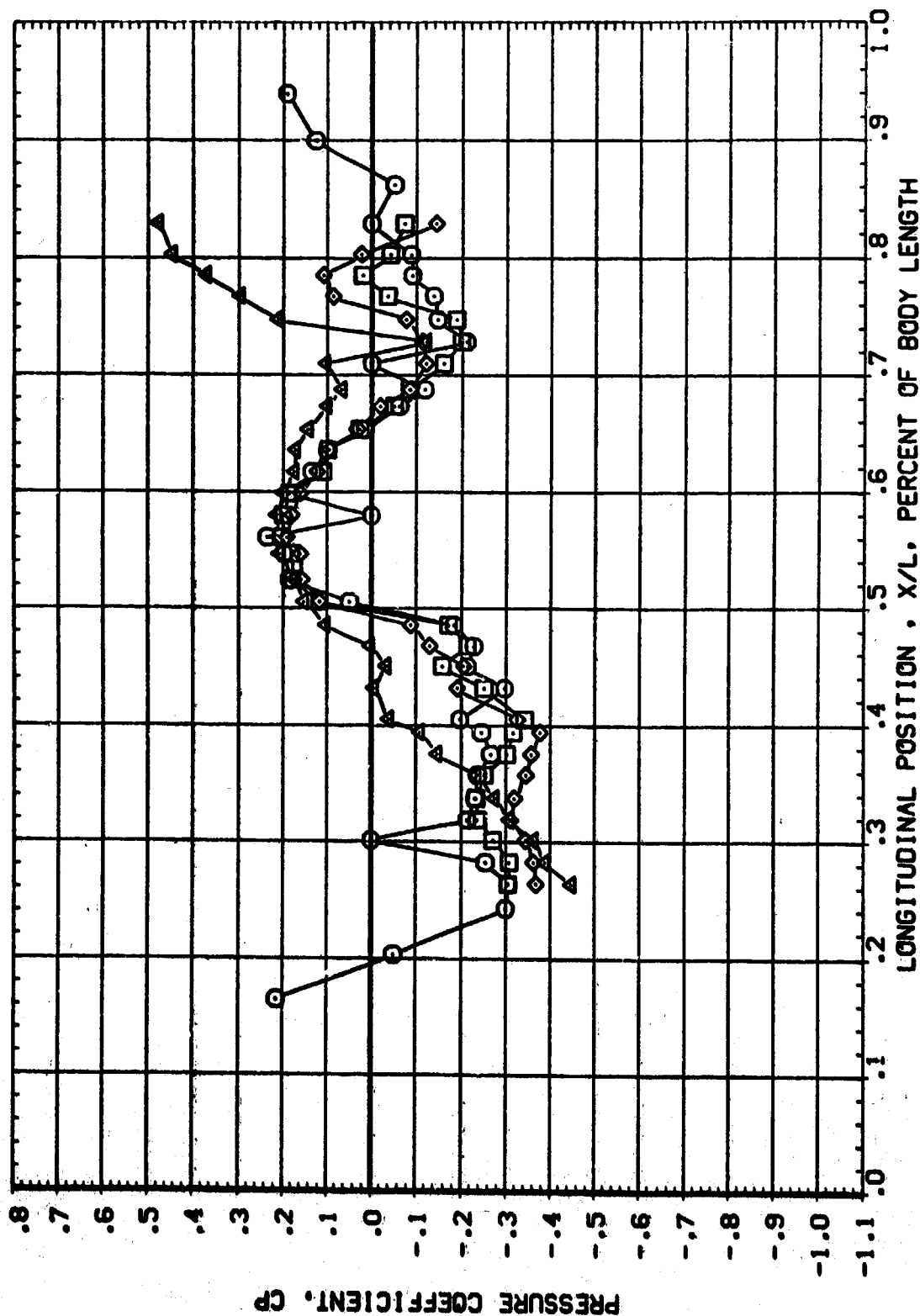
SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RV/L	PARAMETRIC VALUES
○	90.000	6.512	1.098	.000	.000	3.500	ELEVTR -15.000
□	100.000			.000	.000		RUDDER .000
◇	110.000						
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

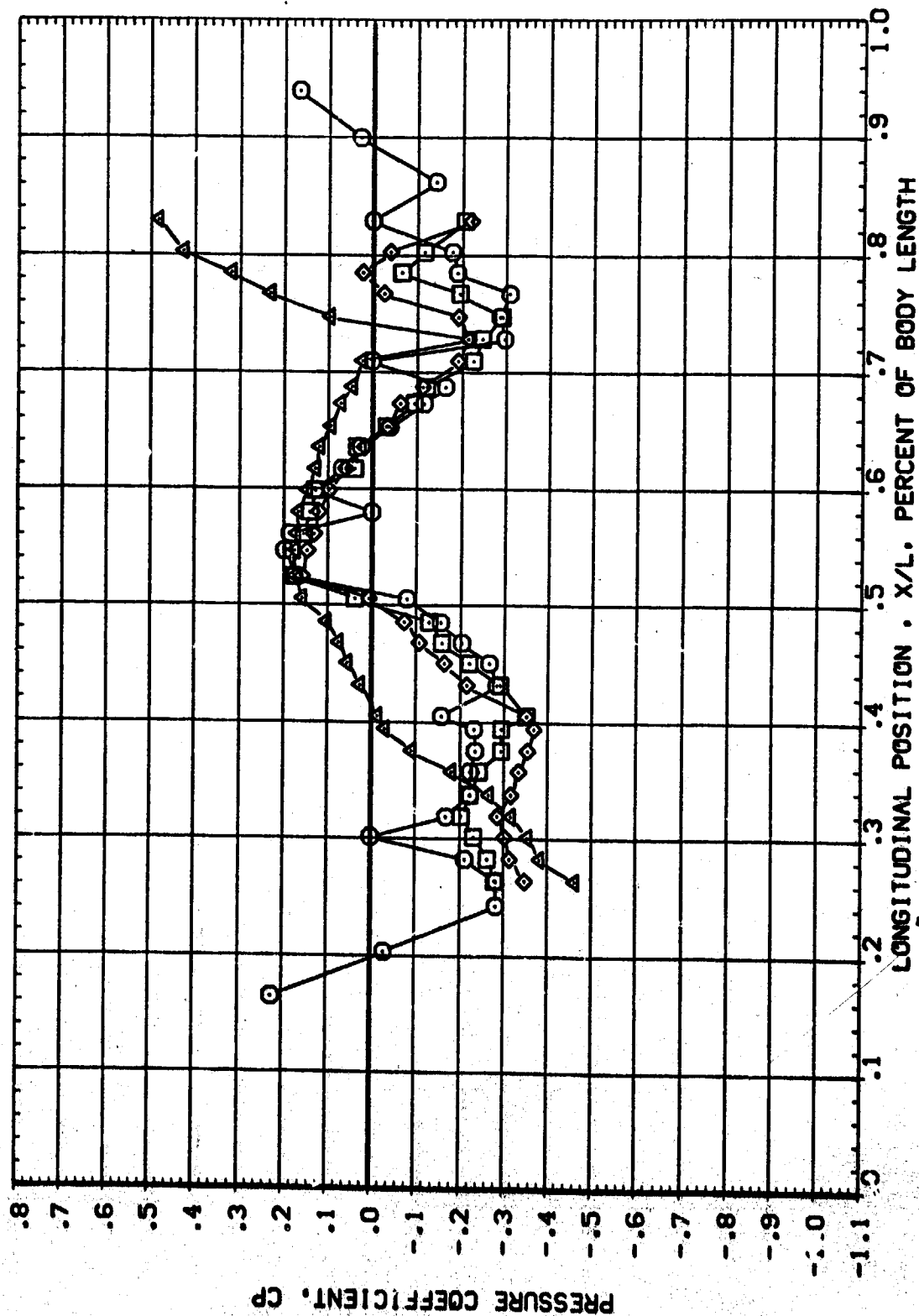
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

ST-202	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	90.000	9.708	1.104	.000	ELEVTR
○	100.000			.000	FLUDER
△	110.000			3.500	
◇	120.000				



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

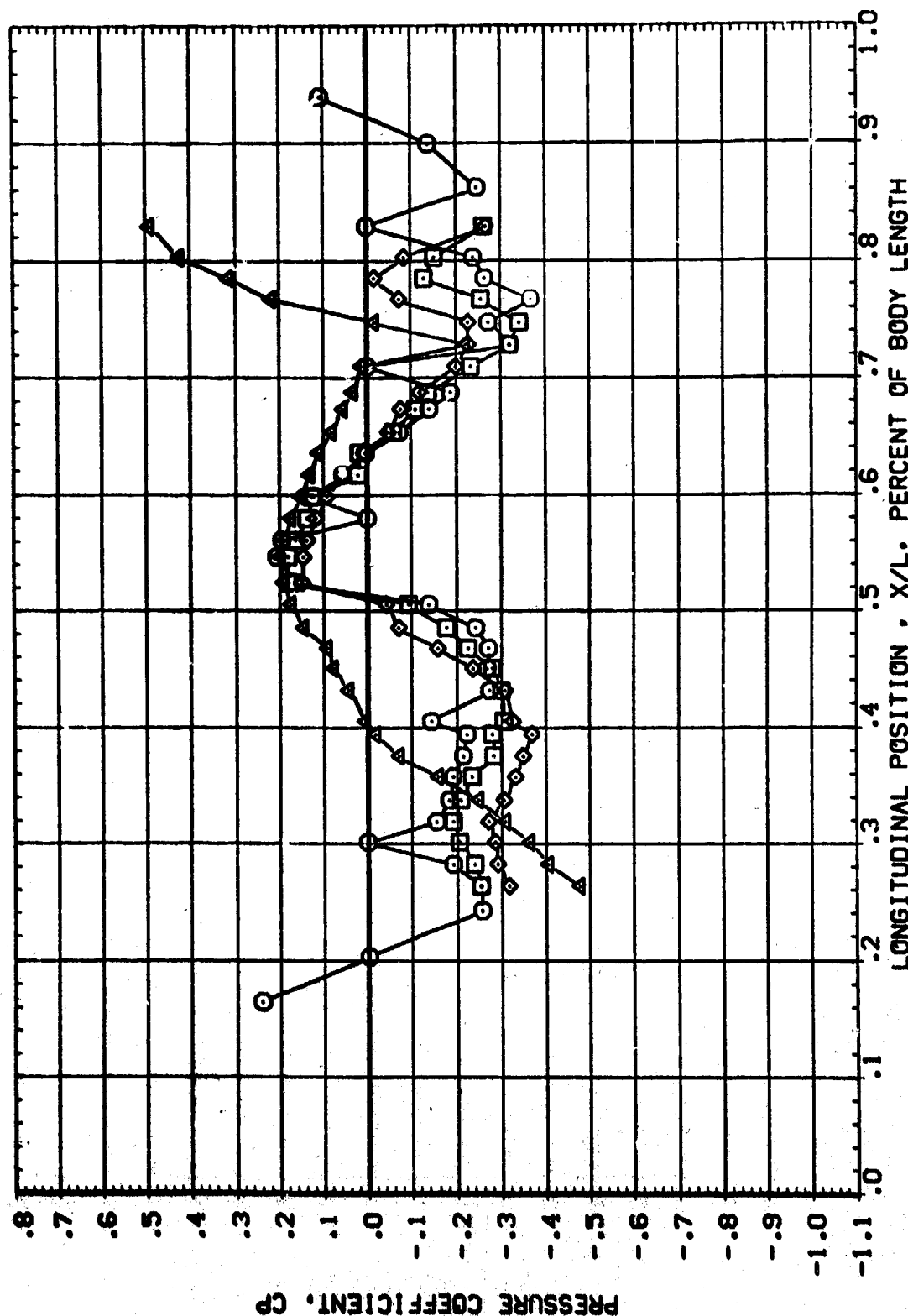
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDER	
○	90.000	10.780	1.098	.000	.000	.000	-15.000
□	100.000			.000			.000
△	110.000			3.500			
	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	12.910	1.098	.000	ELEVTR -15.000
□	100.000			.000	RUDDER .000
△	110.000			3.500	
◇	160.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL P-M ALPHA MACH

○ 90.000 15.000 1.084

□ 100.000

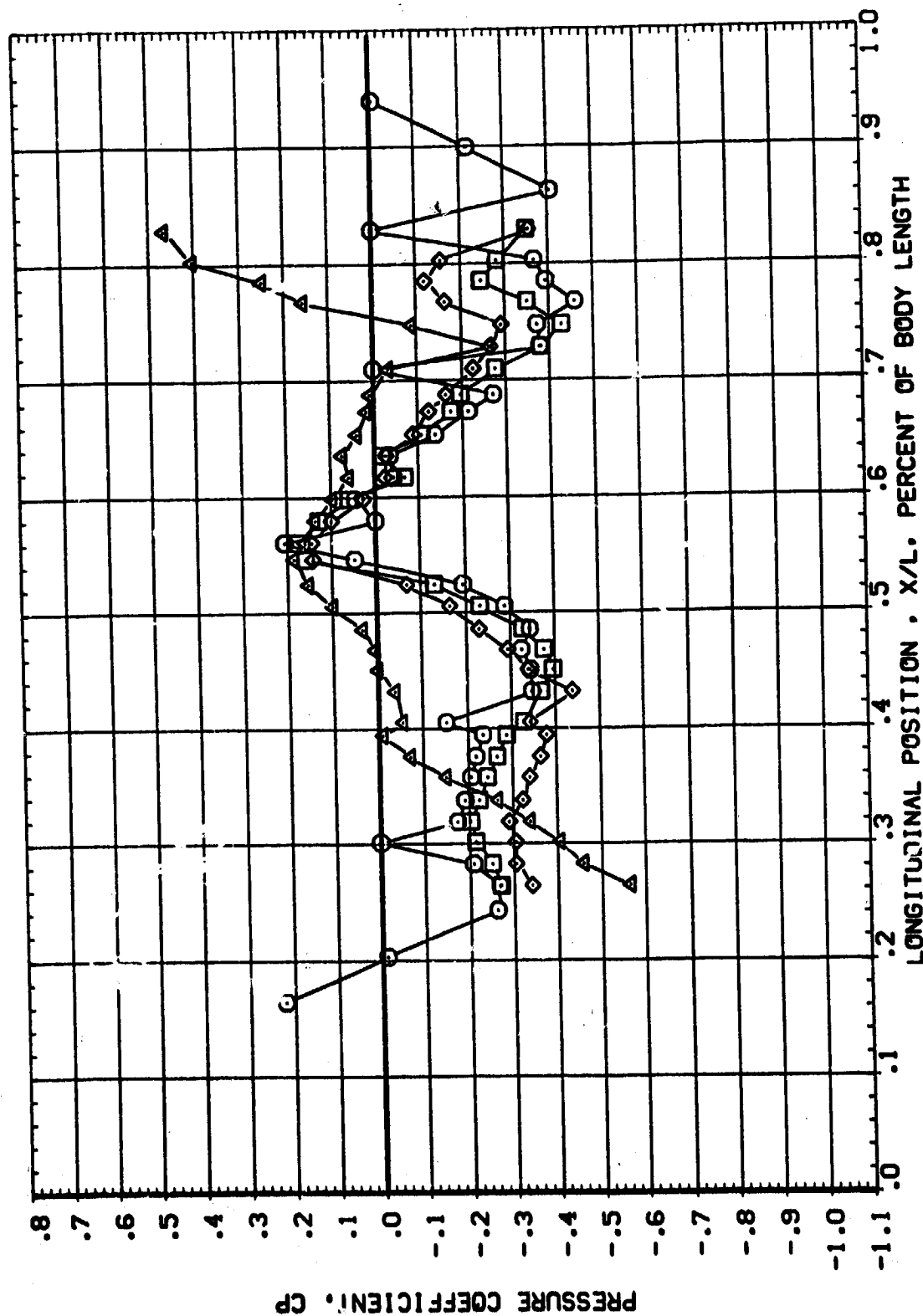
◇ 110.000

△ 180.000

BETA ELEVTR RUDDER

AILRON 3.500

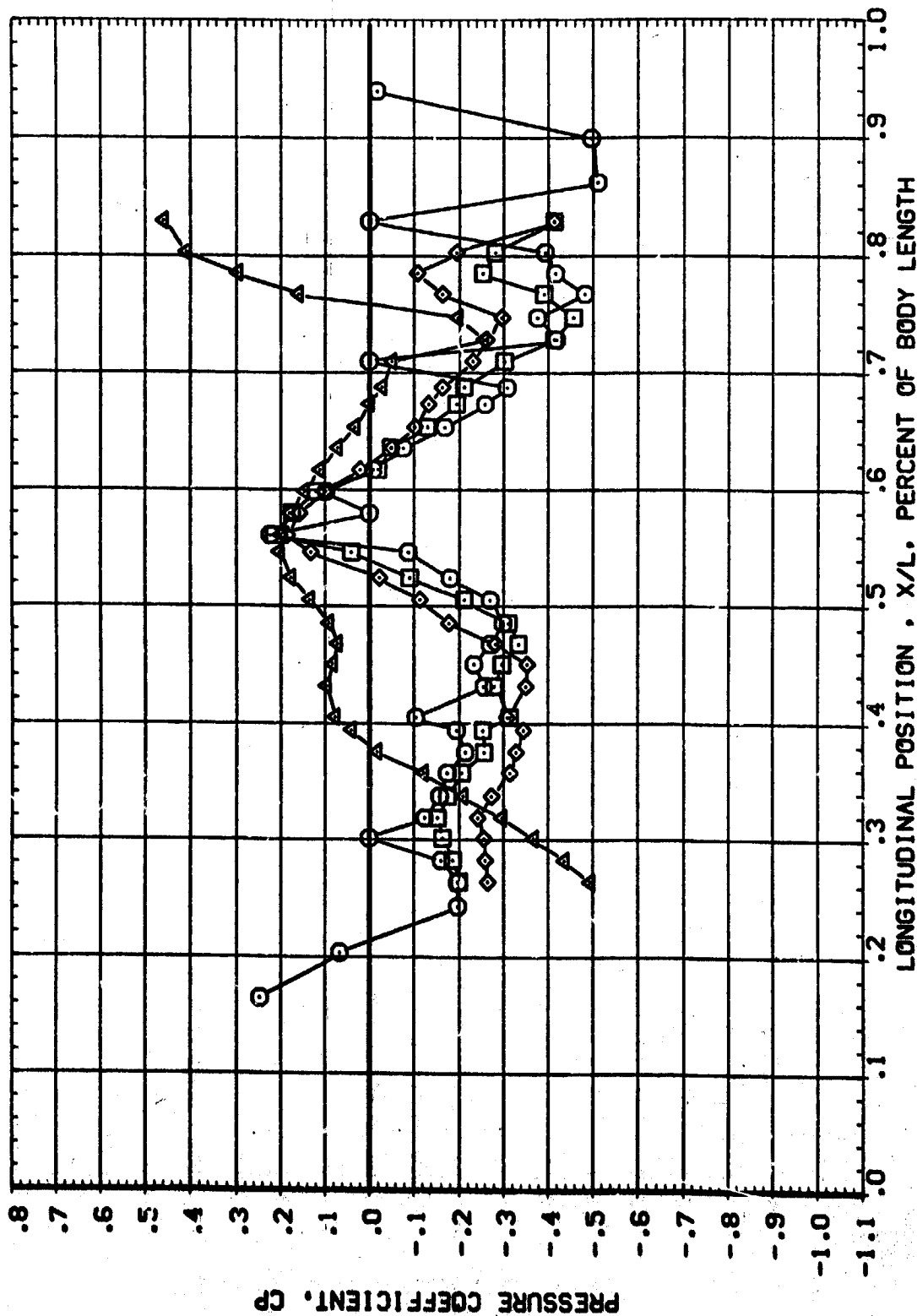
RV/L -15.000 .000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

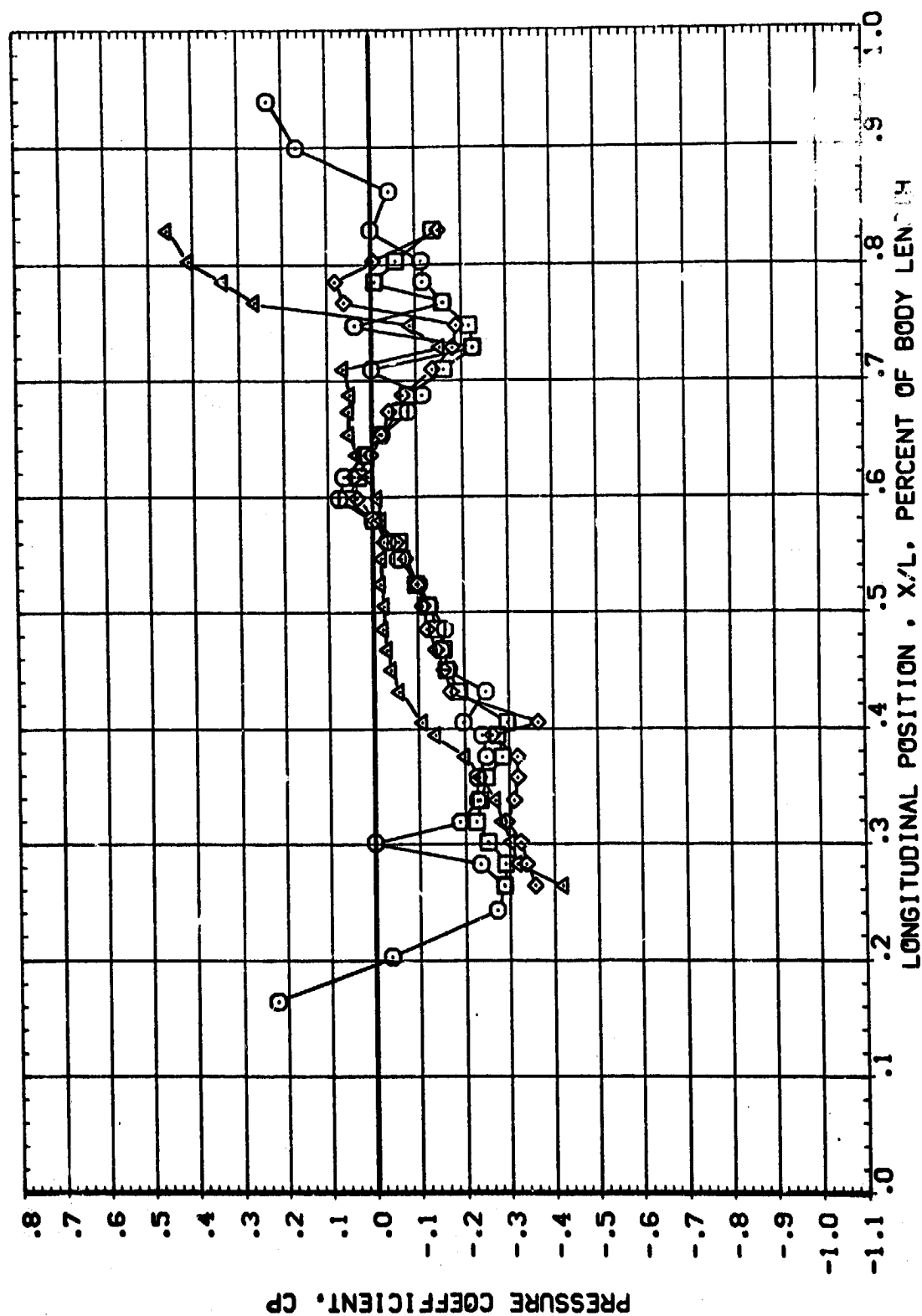
SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	17.040	1.101	.000	ELEVTR
□	100.000			.000	RUDDER
◇	110.000			3.500	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECC02)

SYMBOL	PN	ALPHA	MACH	BETA	ELEVTR	RUDDER	PARAMETRIC VALUES
○	90.000	6.506	1.150	.000	.000	.000	
□	100.000			.000	.000	.000	
◇	110.000			3.500			
△	180.000						



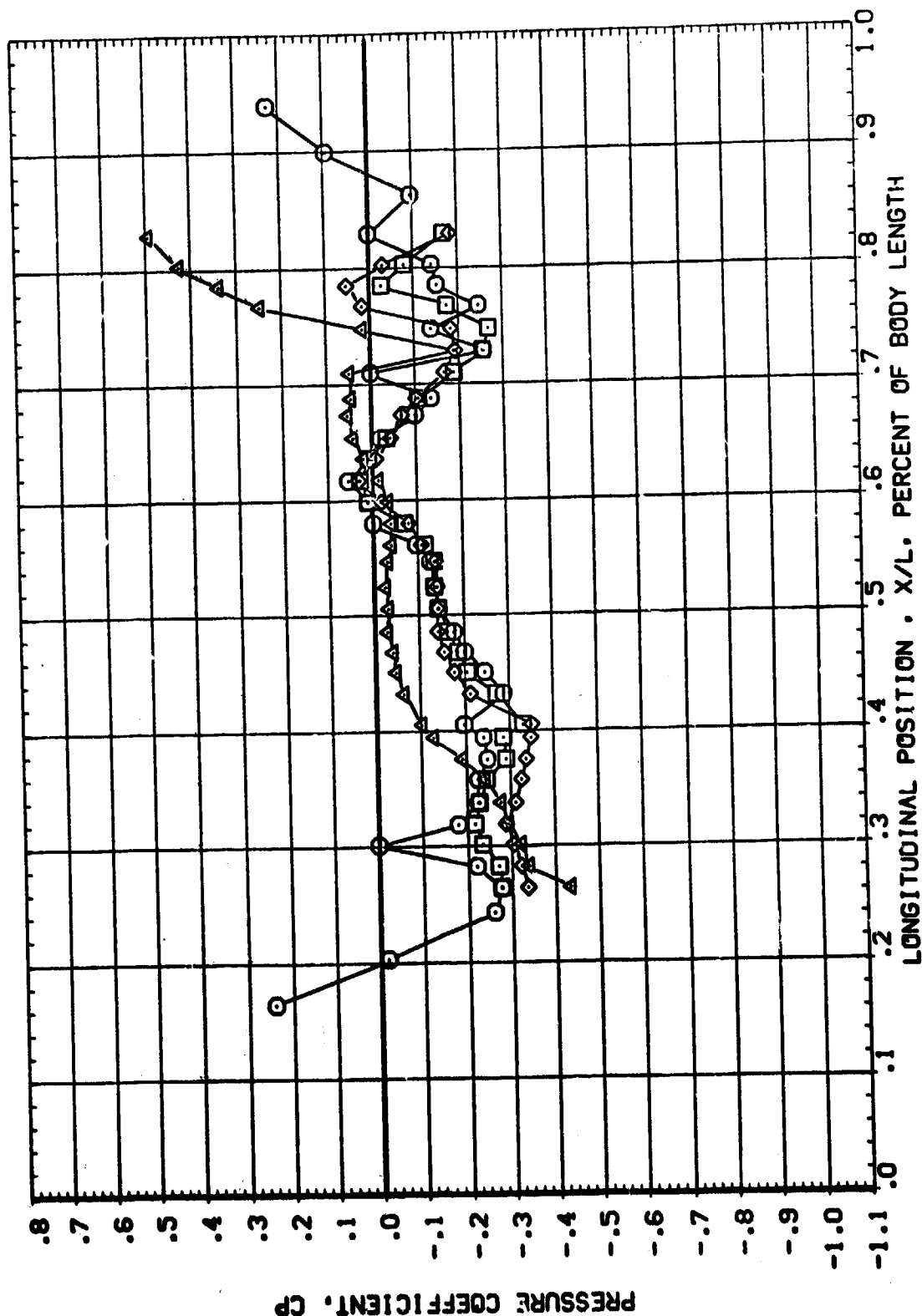
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL
 ○ 50.000
 □ 100.000
 ◇ 110.000
 △ 120.000

PHI ALPHA MACH
 9.715 1.149

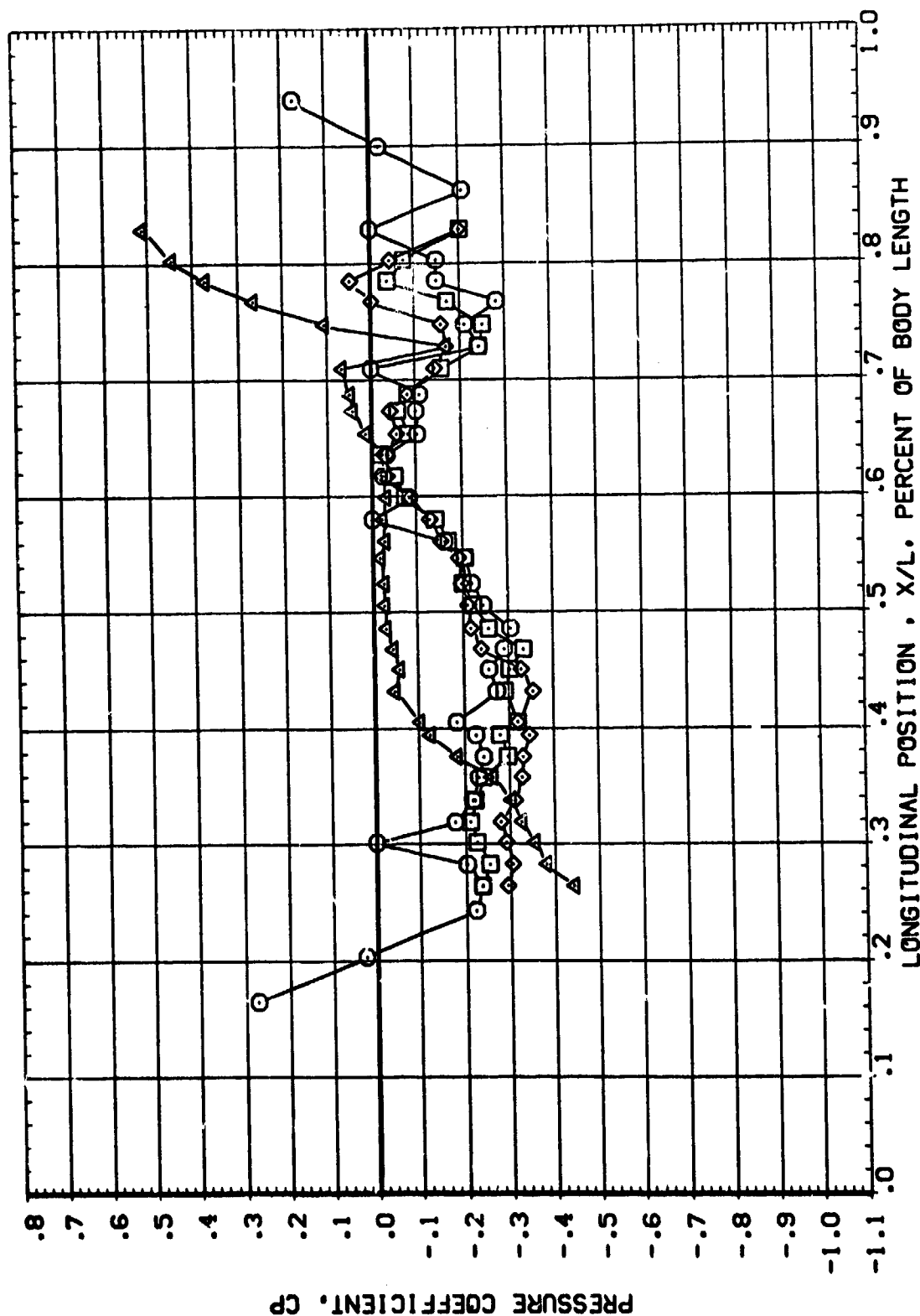
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 3.500
 ELEVTR -15.000
 RUDDER .000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

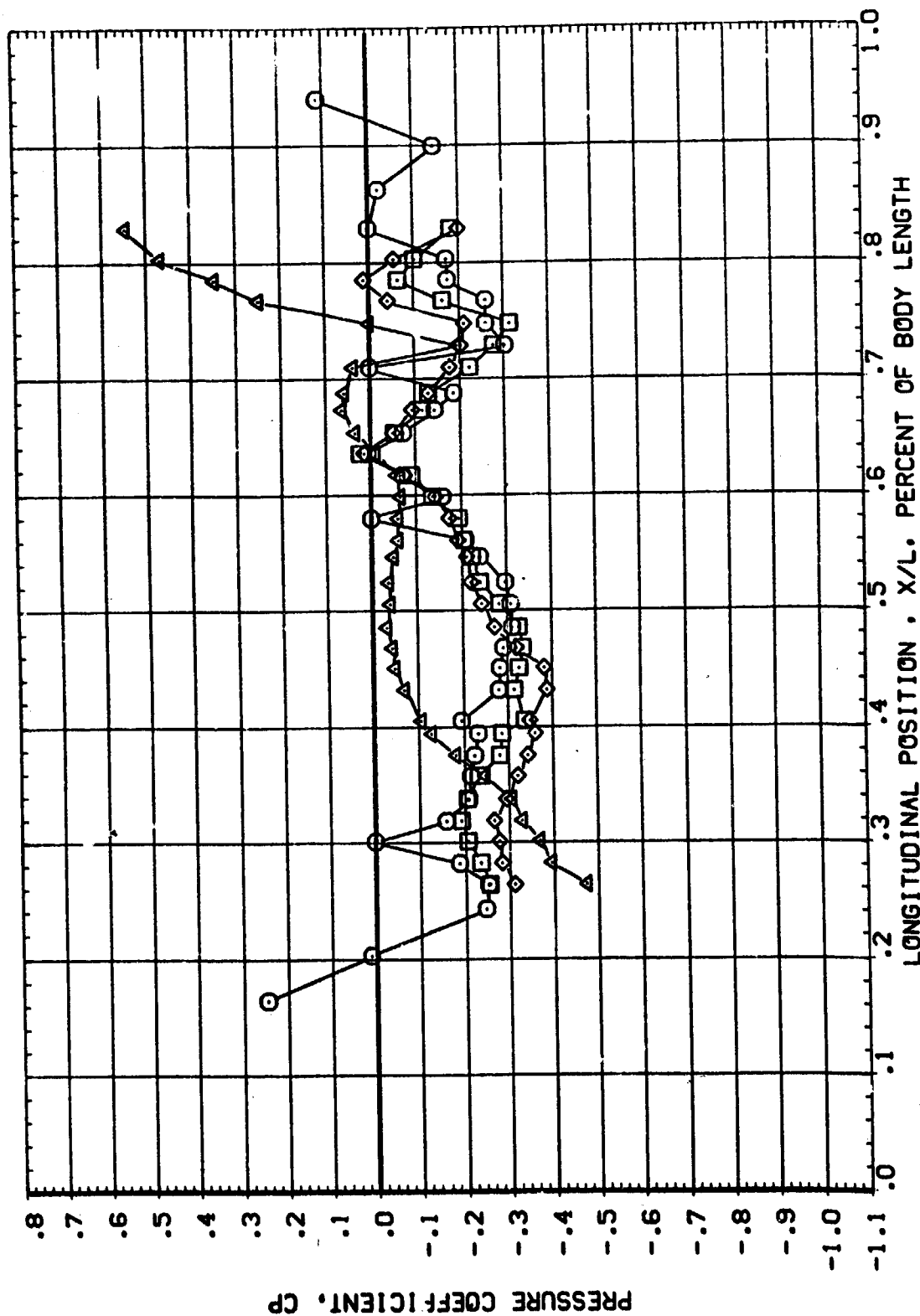
PHI	ALPHA	MACH	PARAMETRIC VALUES		
90.000	10.770	1.155	BETA	.000	ELEVTR
100.000			AILRON	.000	RUDDER
100.000			RNVL	2.500	
100.000					-15.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	PARAMETRIC VALUES
○	90.000	12.840	1.149	.000	.000	ELEVTR
□	100.000			.000	.000	RUDDER
◇	110.000			3.500		
△	180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL
○
□
◇
△

PHI 90.000
100.000
110.000
180.000

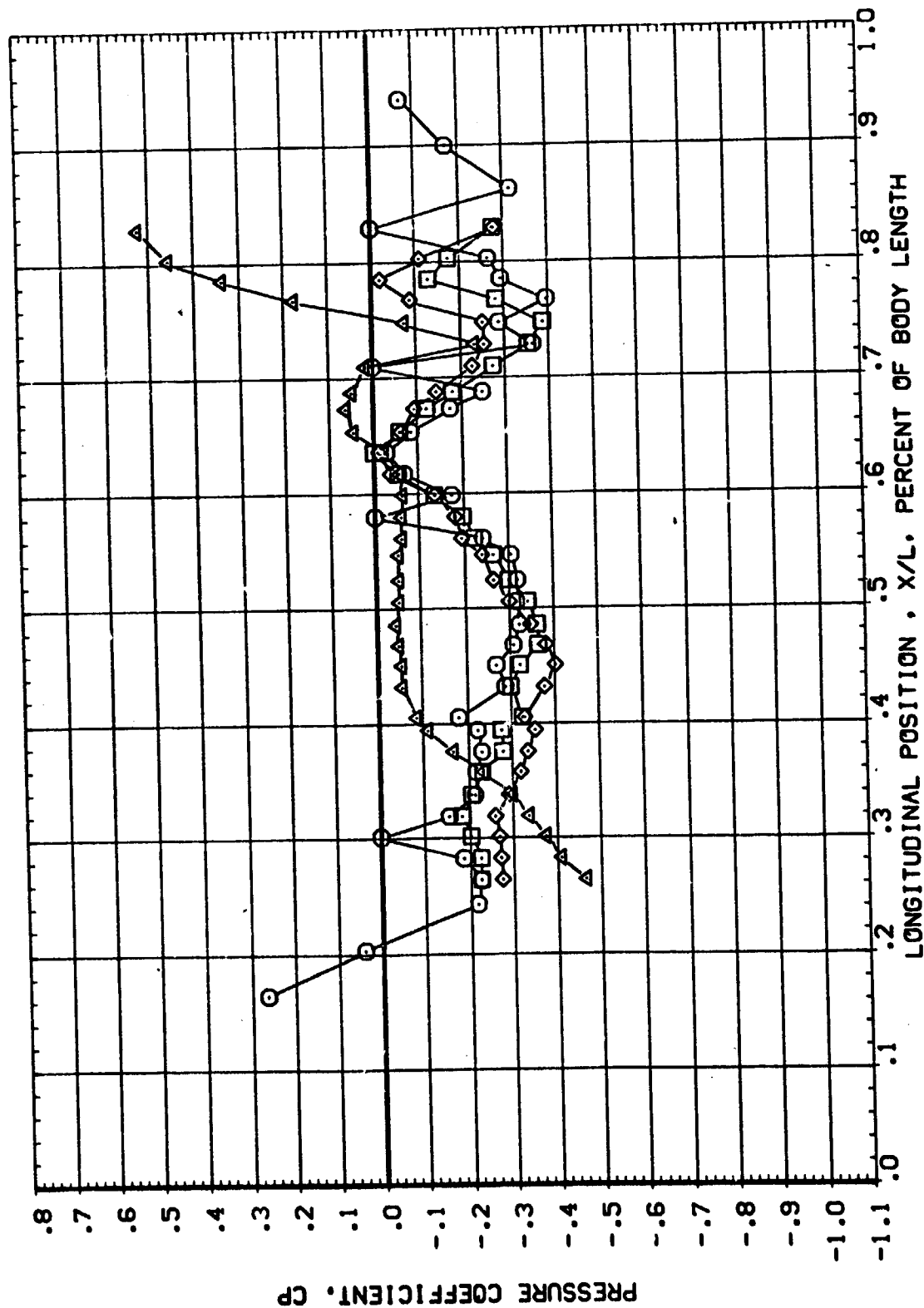
ALPHA 14.980

MACH 1.148

BETA
AIRFLOW
RN/L

PARAMETRIC VALUES
.000 ELEVTR
.000 RUDDER
3.500

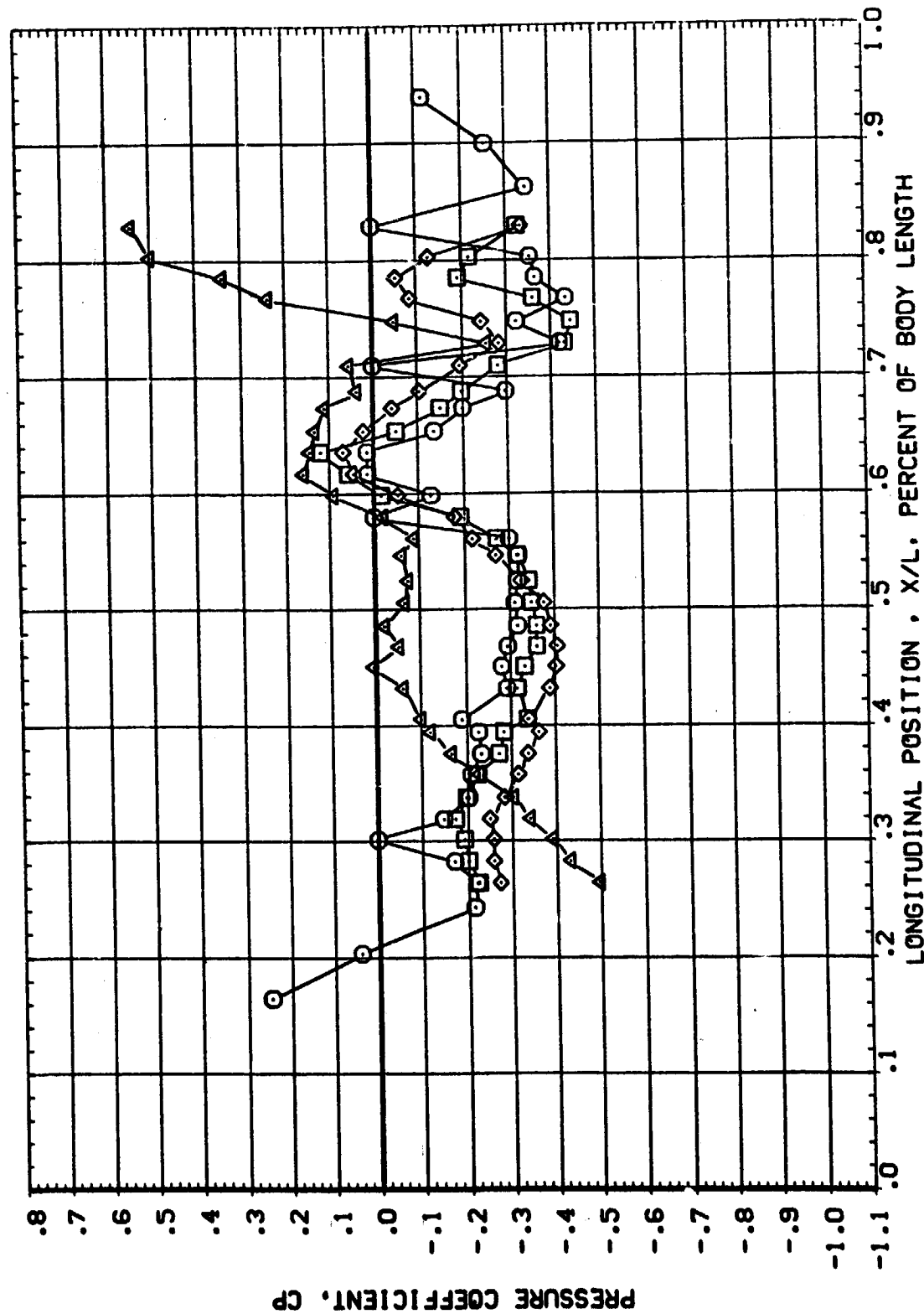
-15.000
.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

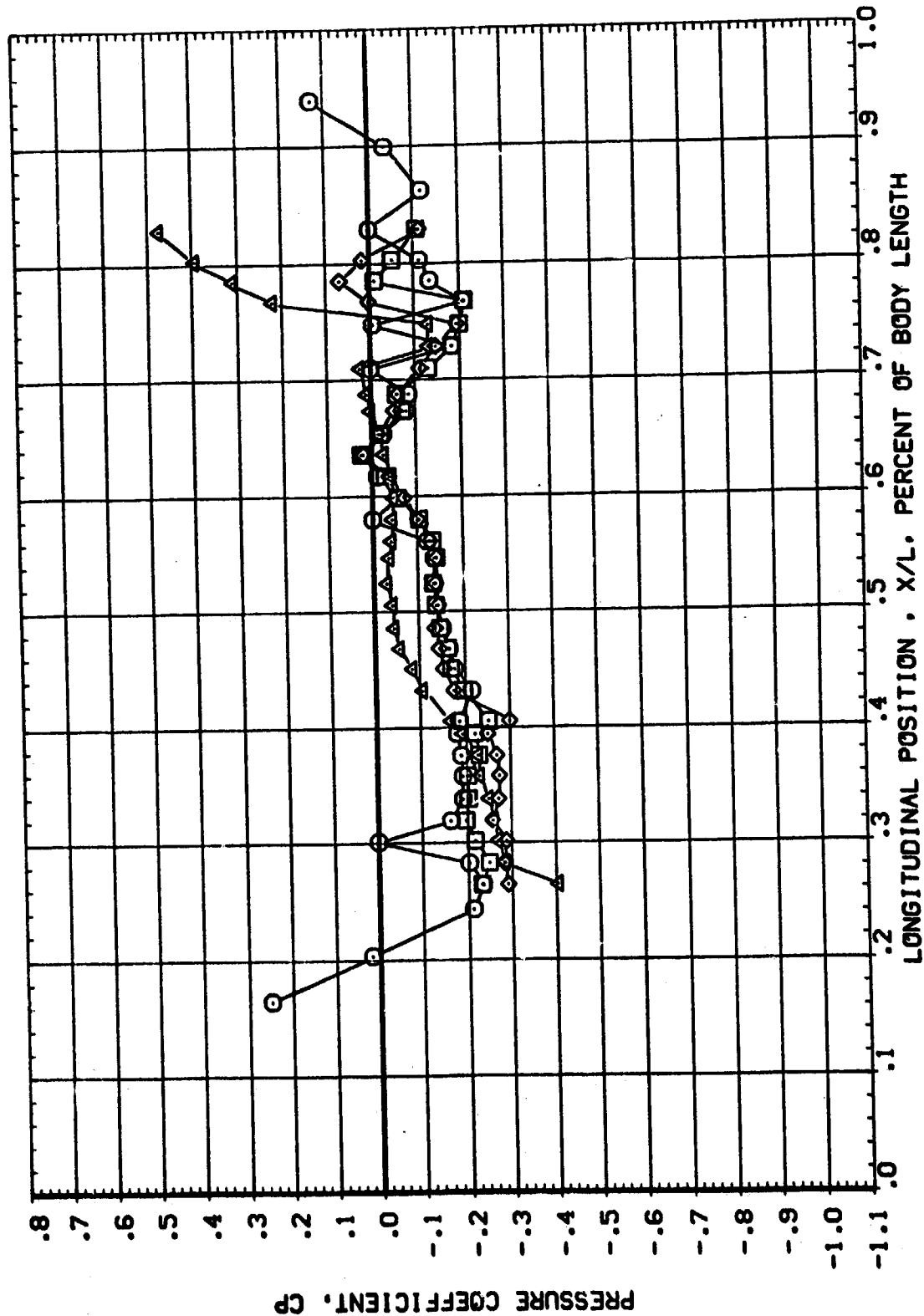
PHI	ALPHA	MACH	PARAMETRIC VALUES		
90.000	17.050	1.151	BETA	ELEVTR	-15.000
100.000			AIRLON	RUDER	.000
110.000			RN/L		3.500
180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

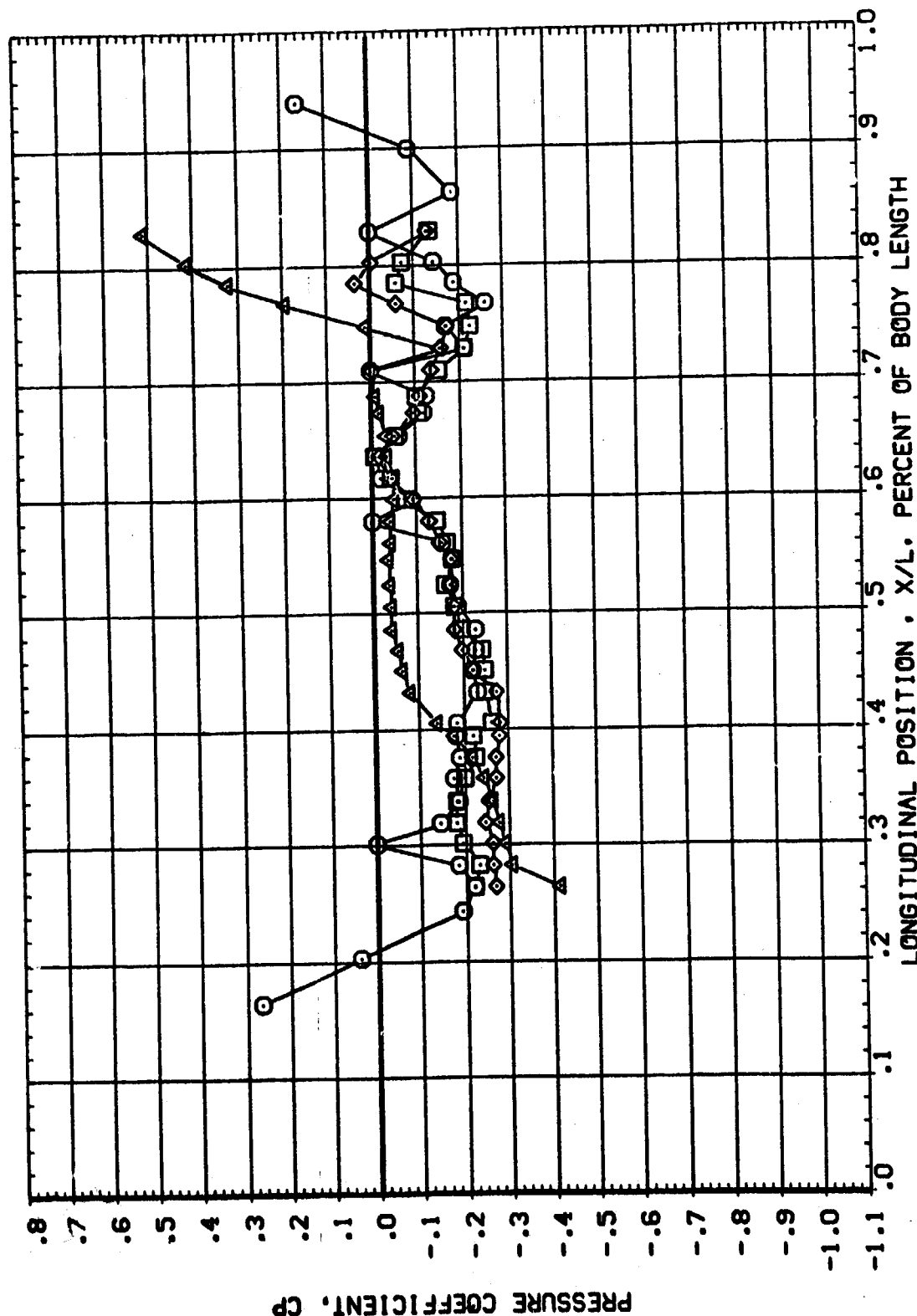
PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
90.000	6.555	1.252	.000	.000
100.000			.000	.000
110.000			3.500	
180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

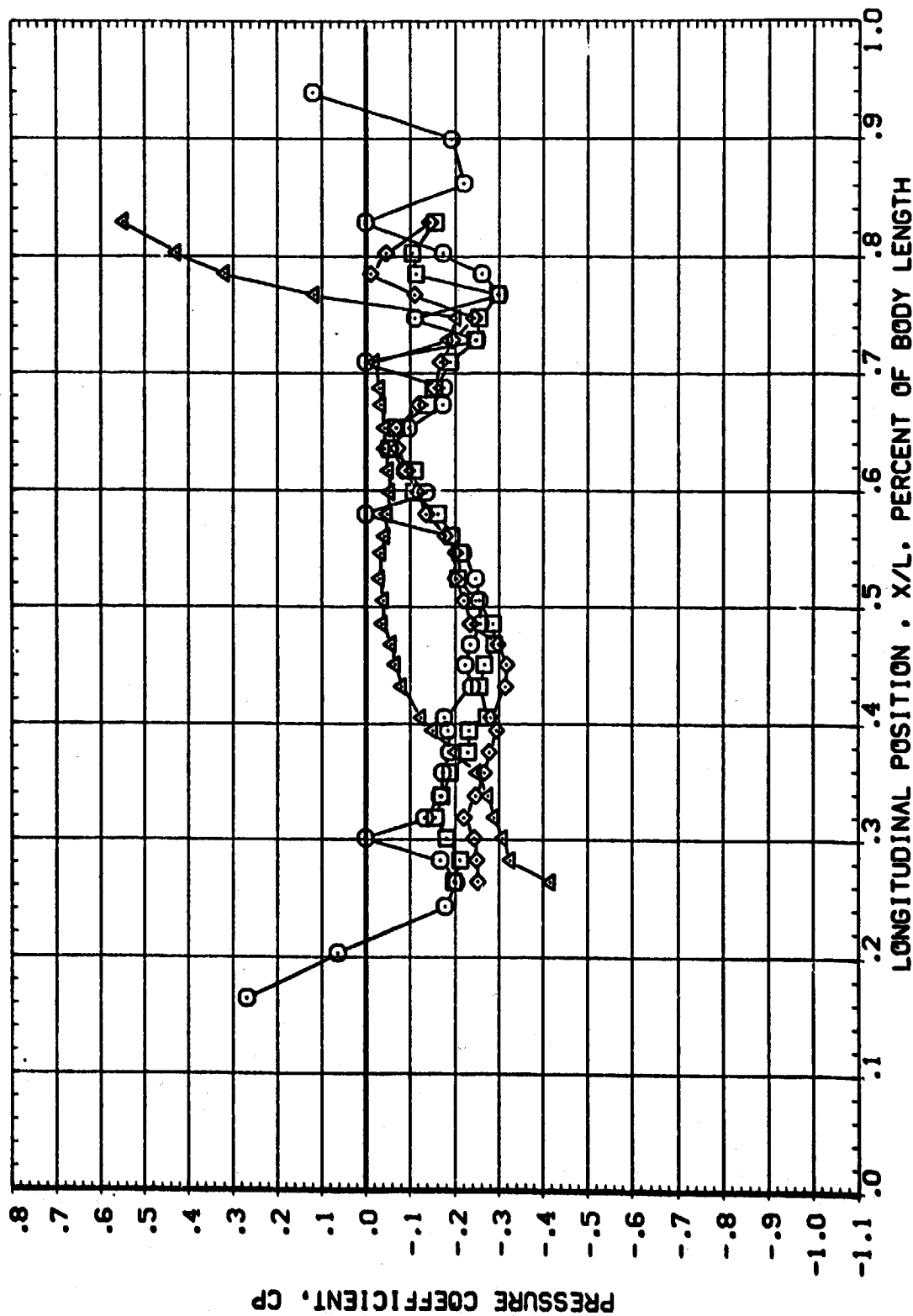
PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
90.000	8.660	1.250	ATLIRON	.000
100.000			RN/L	.000
110.000				3.500
180.000				-15.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

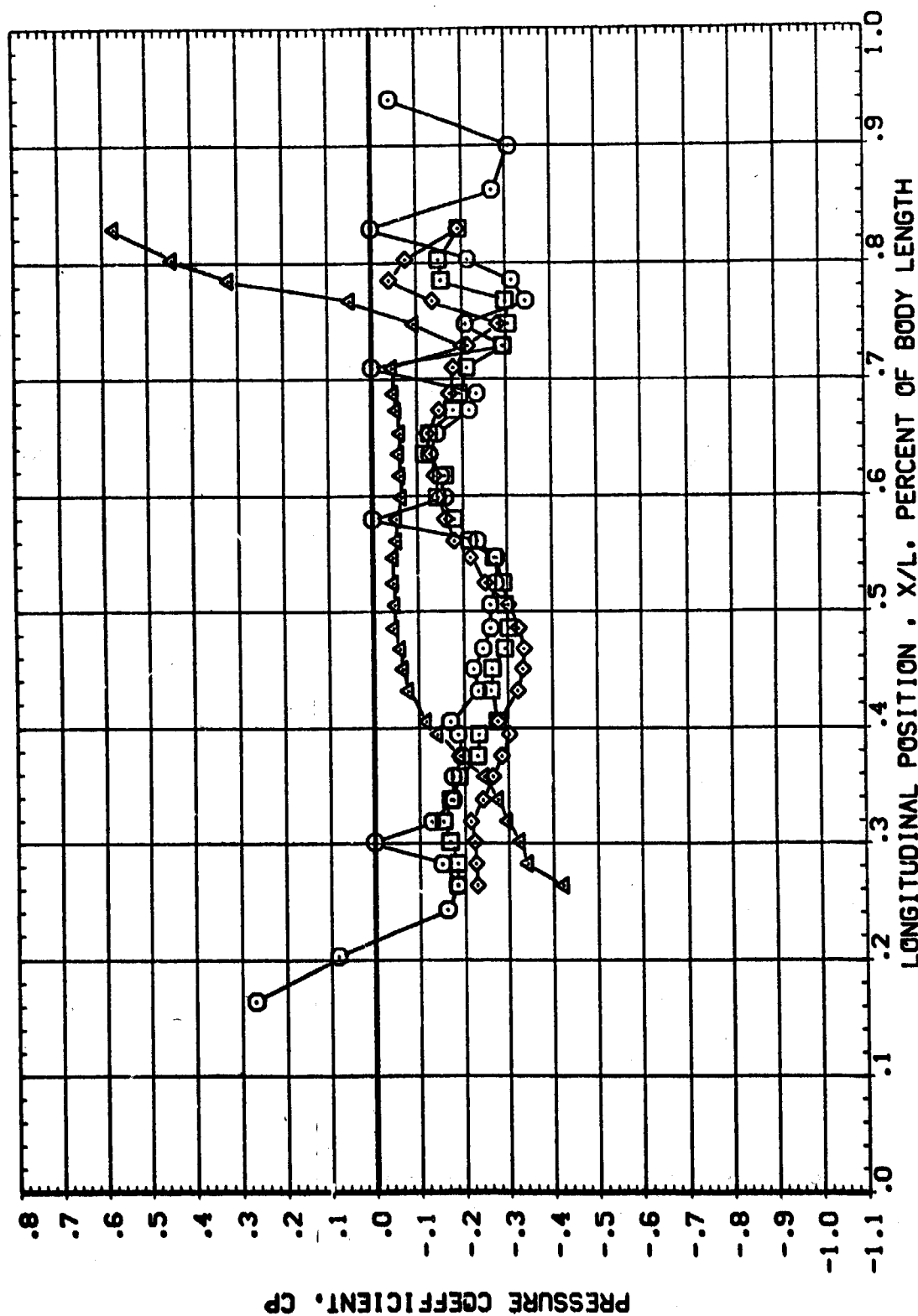
SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDER	
○	90.000	10.730	1.251	.000	.000	.000	
□	100.000			.000			
◇	110.000			3.500			
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

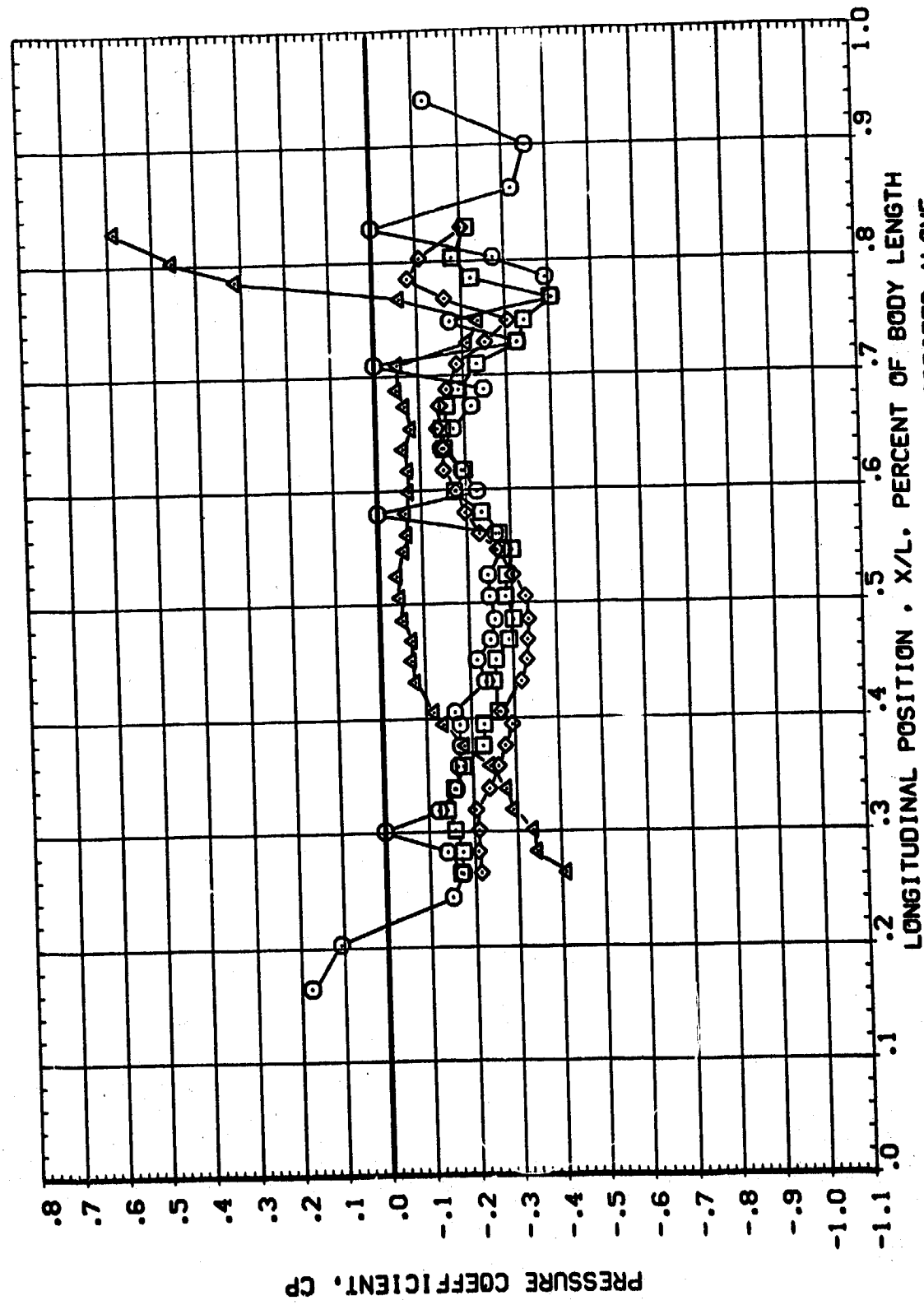
SYMBOL	PMJ	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	12.890	1.249	.000	ELEVTR
□	100.000			.000	RUDER
◇	110.000			3.500	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

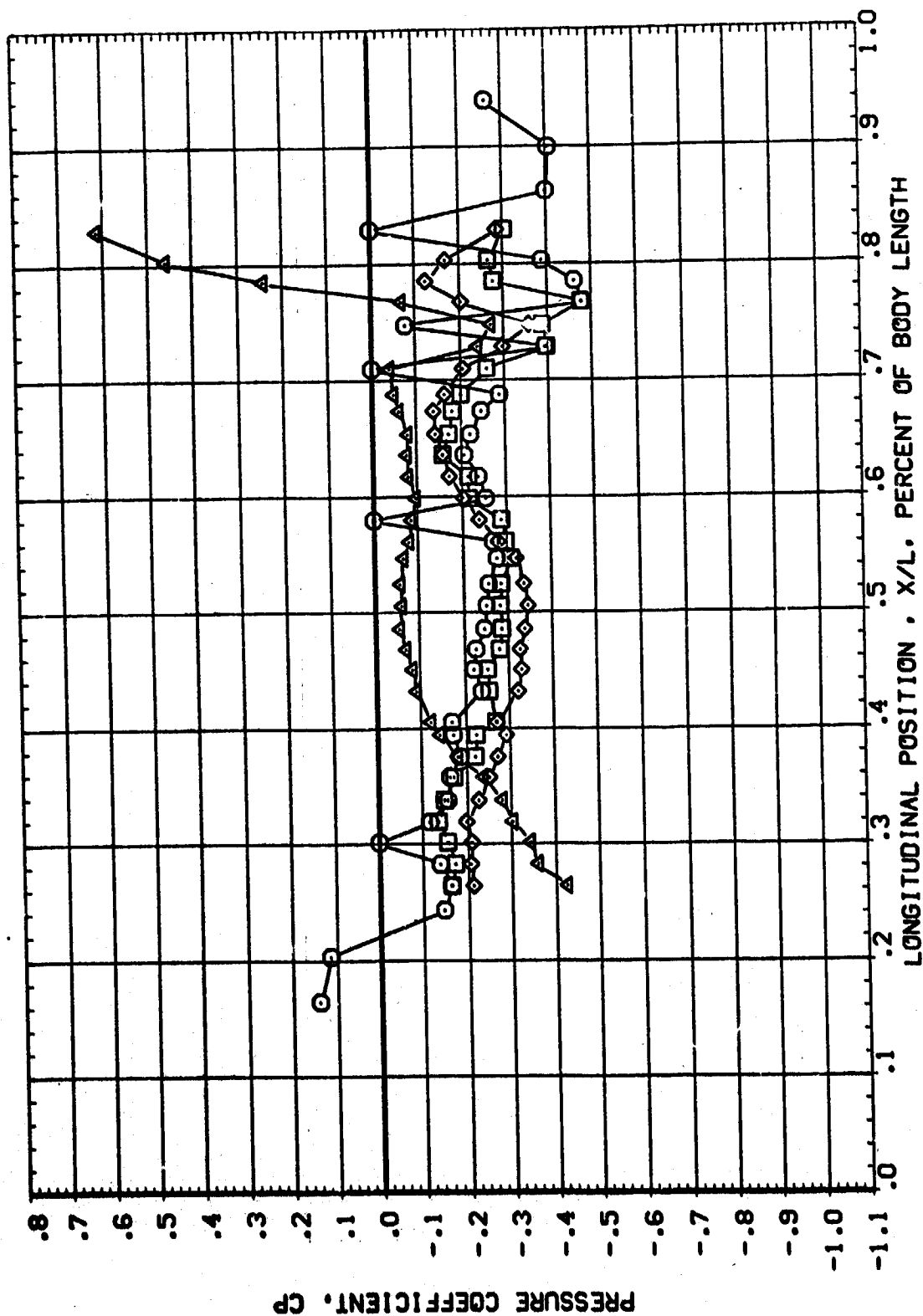
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	14.880	1.253	AILRON	.000
□	100.000			RNVL	3.500
◇	110.000			ELETR	-15.000
△	120.000			RUDER	.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

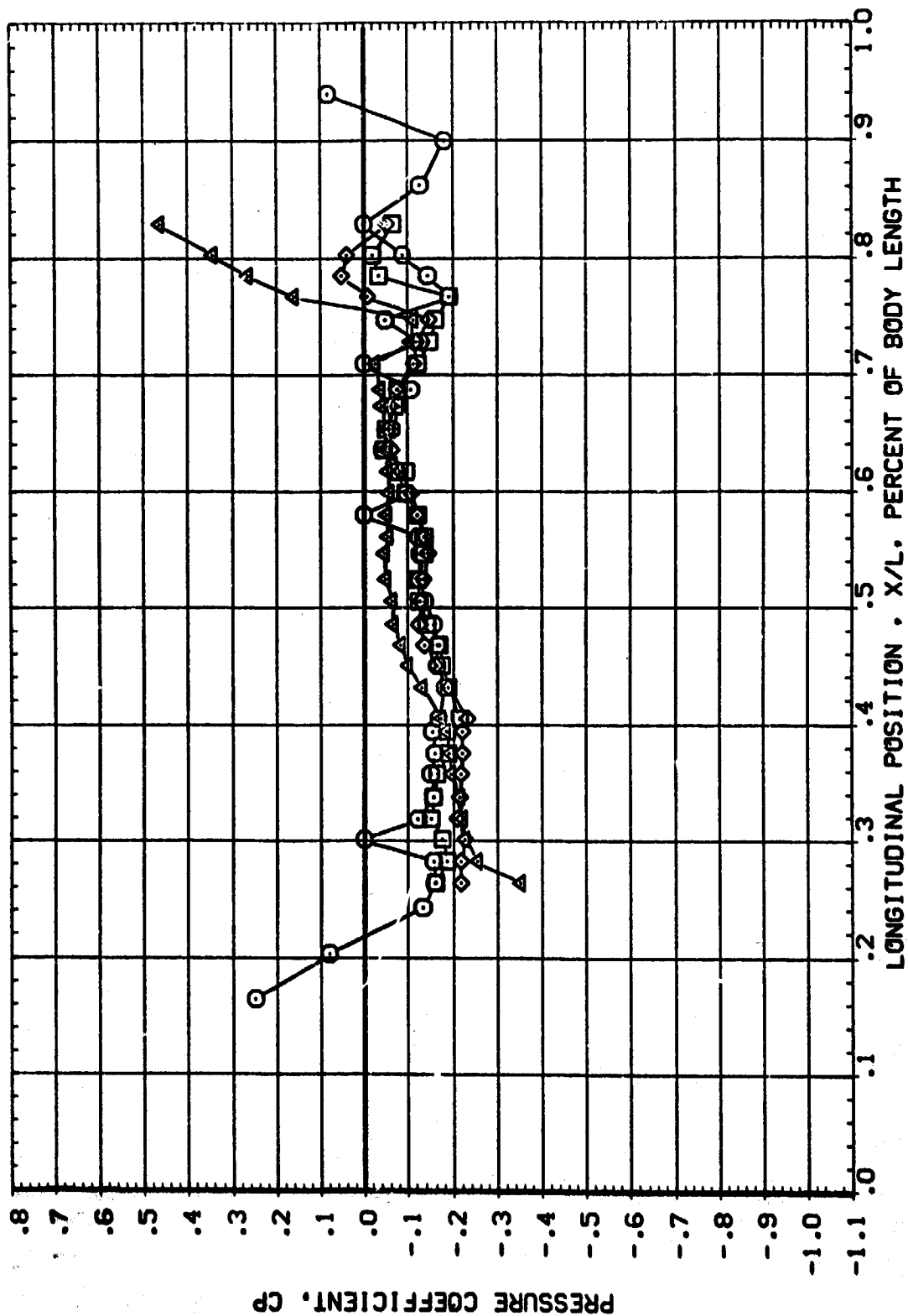
SWGL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
50.000	17.010	1.251	.000	ELEVTR	-15.000
100.000			.000	RUDER	.000
110.000			3.500		
180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

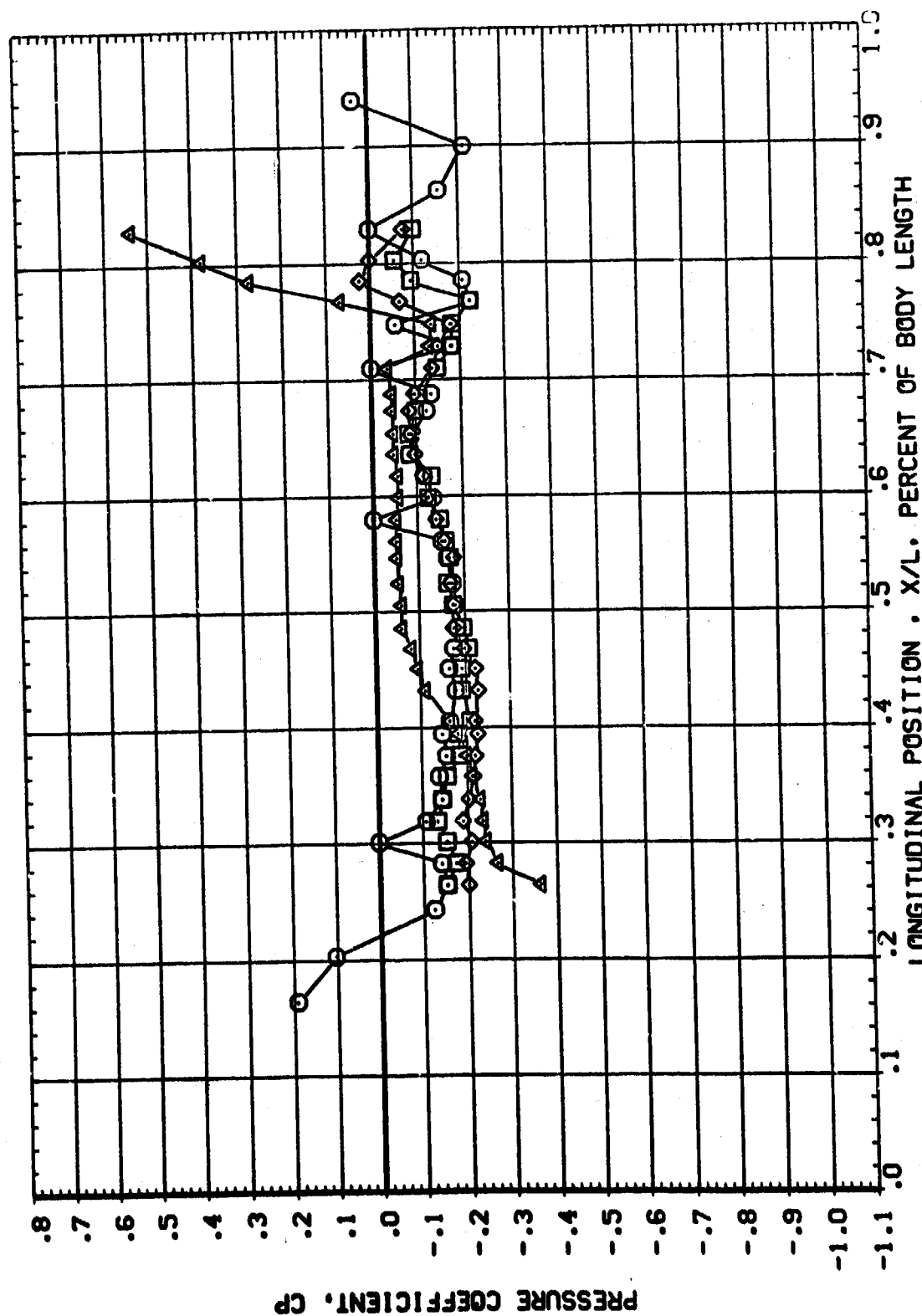
SYMBOL	PMI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
□	90.000	6.471	1.402	.000	.000	.000	
◇	100.000			.000			
△	110.000			3.500			
	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

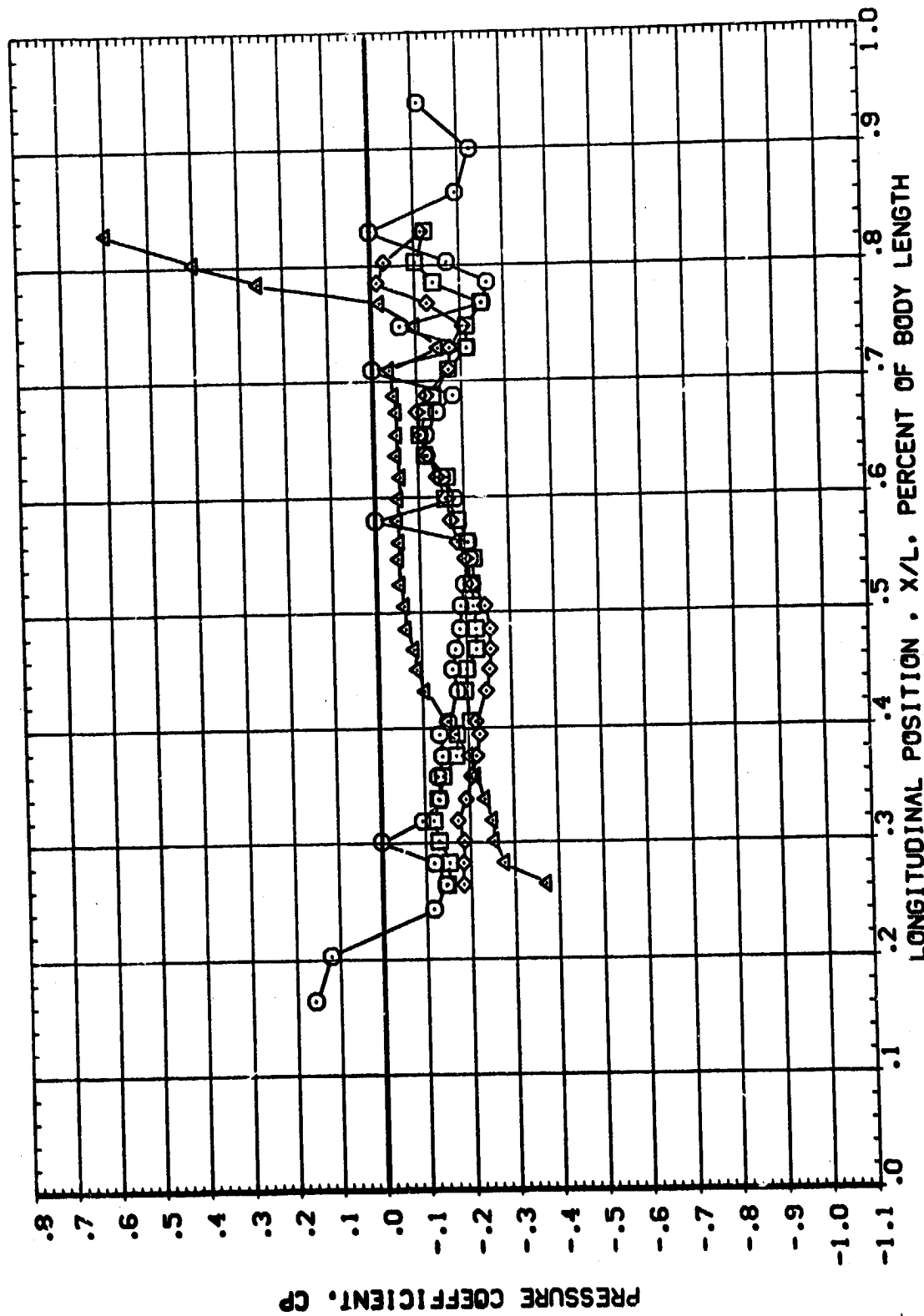
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	50.000	8.575	1.401	.000	ELEVTR
□	100.000			.000	RUDDER
◇	110.000			3.500	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	RUDDER
	90.000	10.610	1.401	.000	.000	.000
	100.000			.000		
	110.000			3.500		
	180.000					

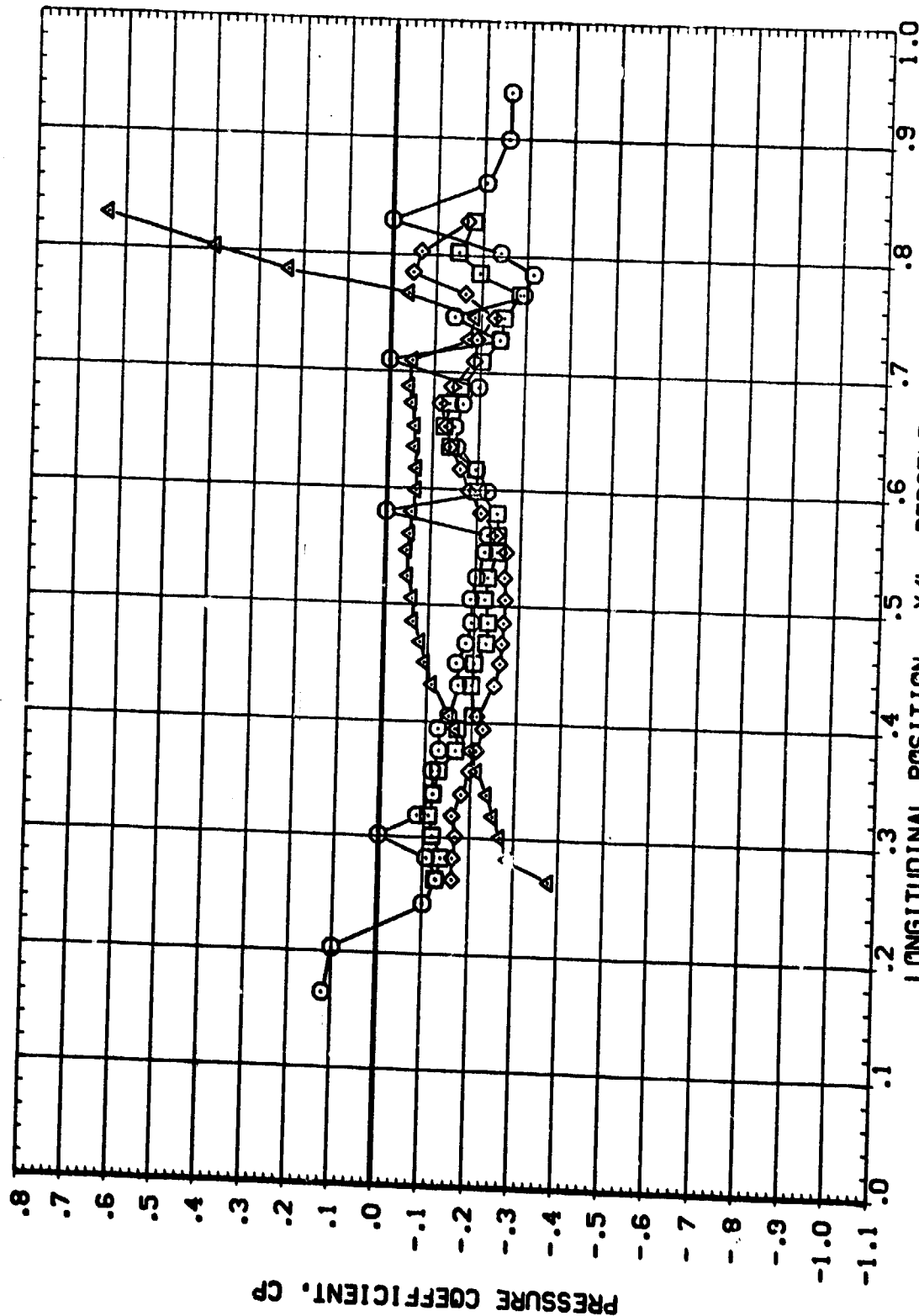


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL PHI ALPHA MACH
 ○ 90.000 12.660 1.400
 □ 100.000
 ◇ 110.000
 △ 180.000

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RN/L 3.500



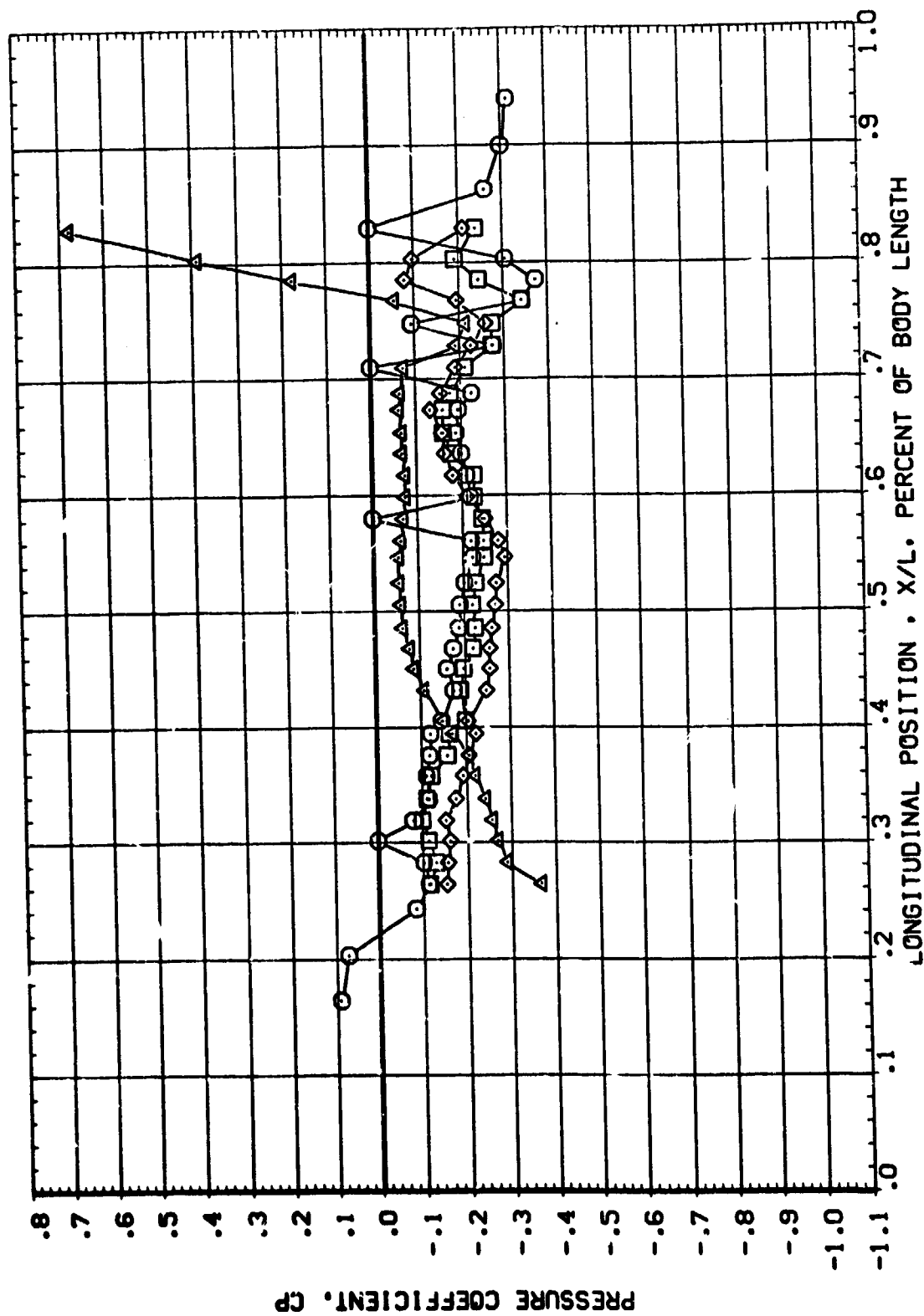
LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL
 ○ 90.000
 □ 100.000
 ◇ 110.000
 △ 180.000

ALPHA 14.830
 MACH 1.401

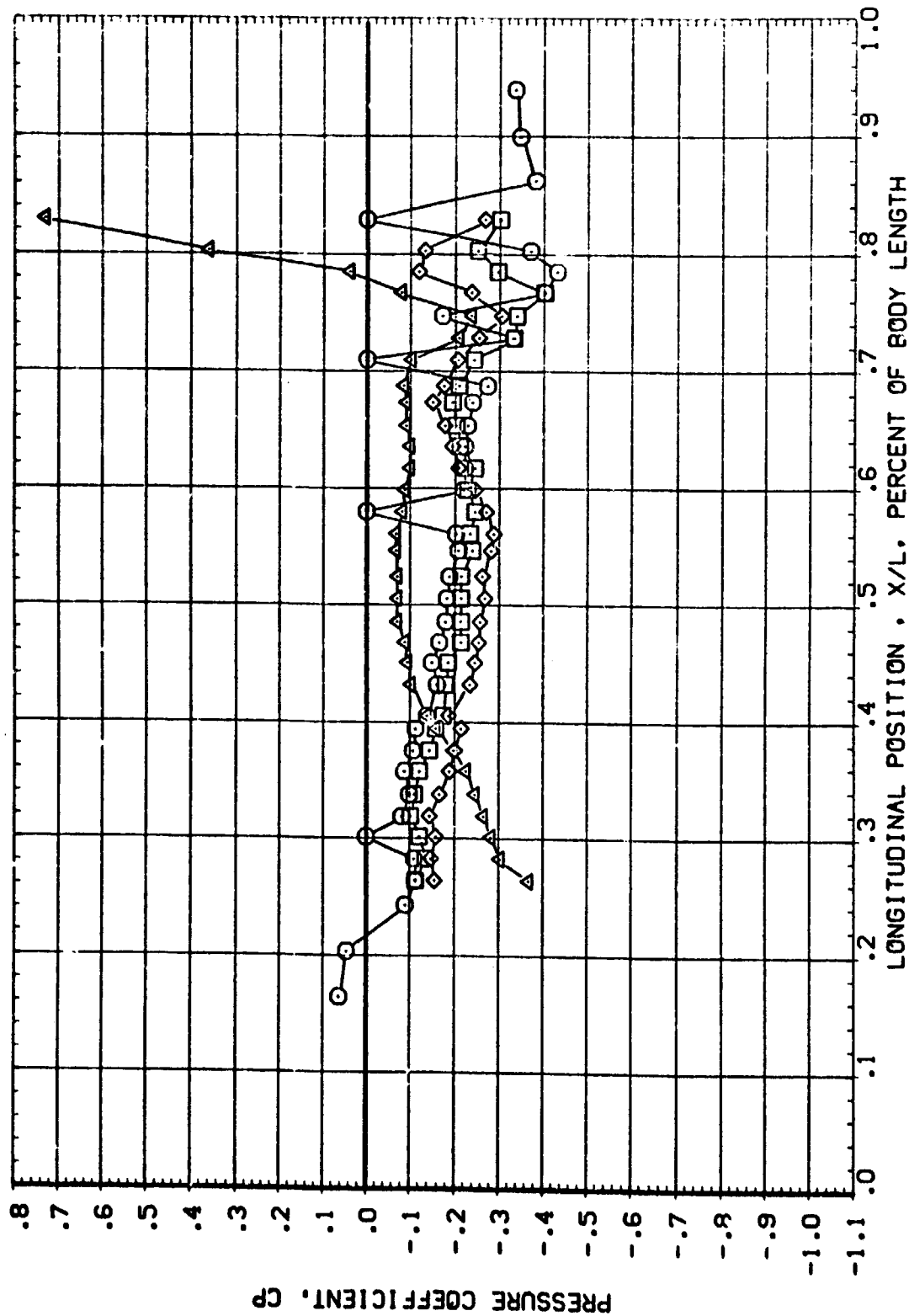
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RN/L 3.500



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

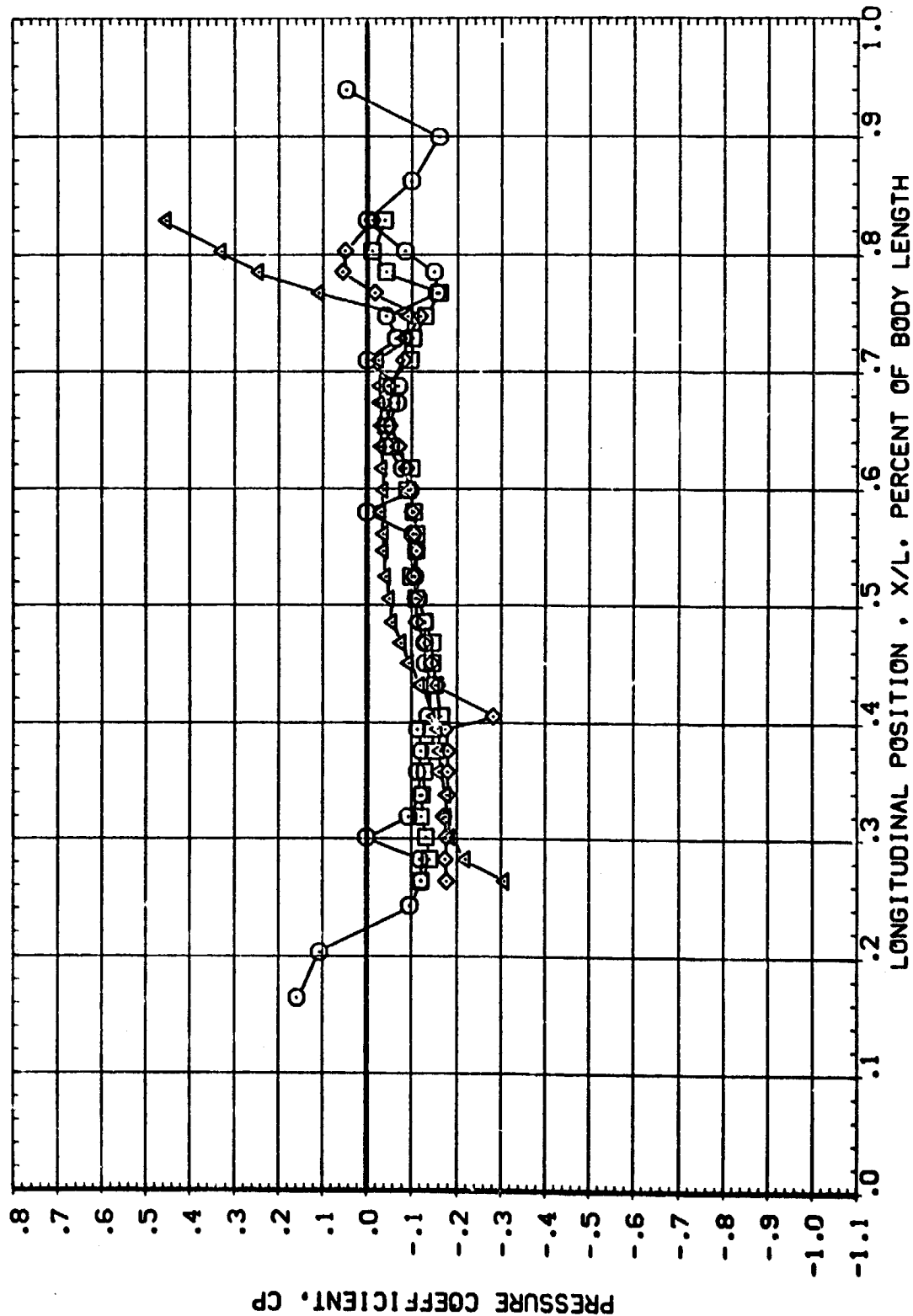
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	16.860	1.402	.000	ELEVTR
□	100.000			.000	RJODER
◇	110.000			3.500	
△	180.000				





AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

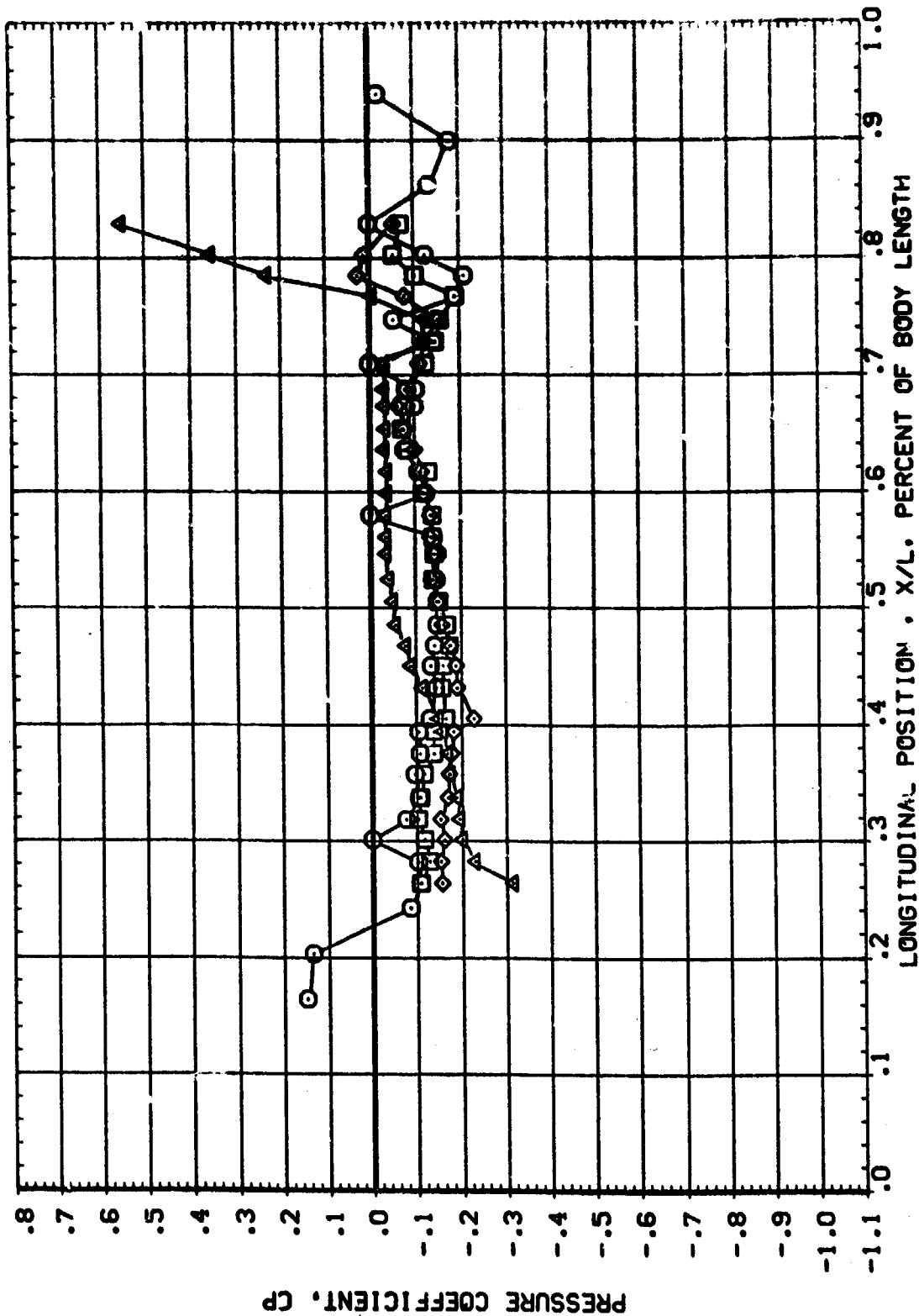
SYMBOL	PN1	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	6.300	1.501	.000	ELEVTR -15.000
◇	100.000			.000	RUDER .000
△	110.000			3.500	
	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECC02)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	8.509	1.500	AILRON	.000
□	100.000			RN/L	3.500
◇	110.000			ELEVTR	-15.000
△	180.000			RLODER	.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

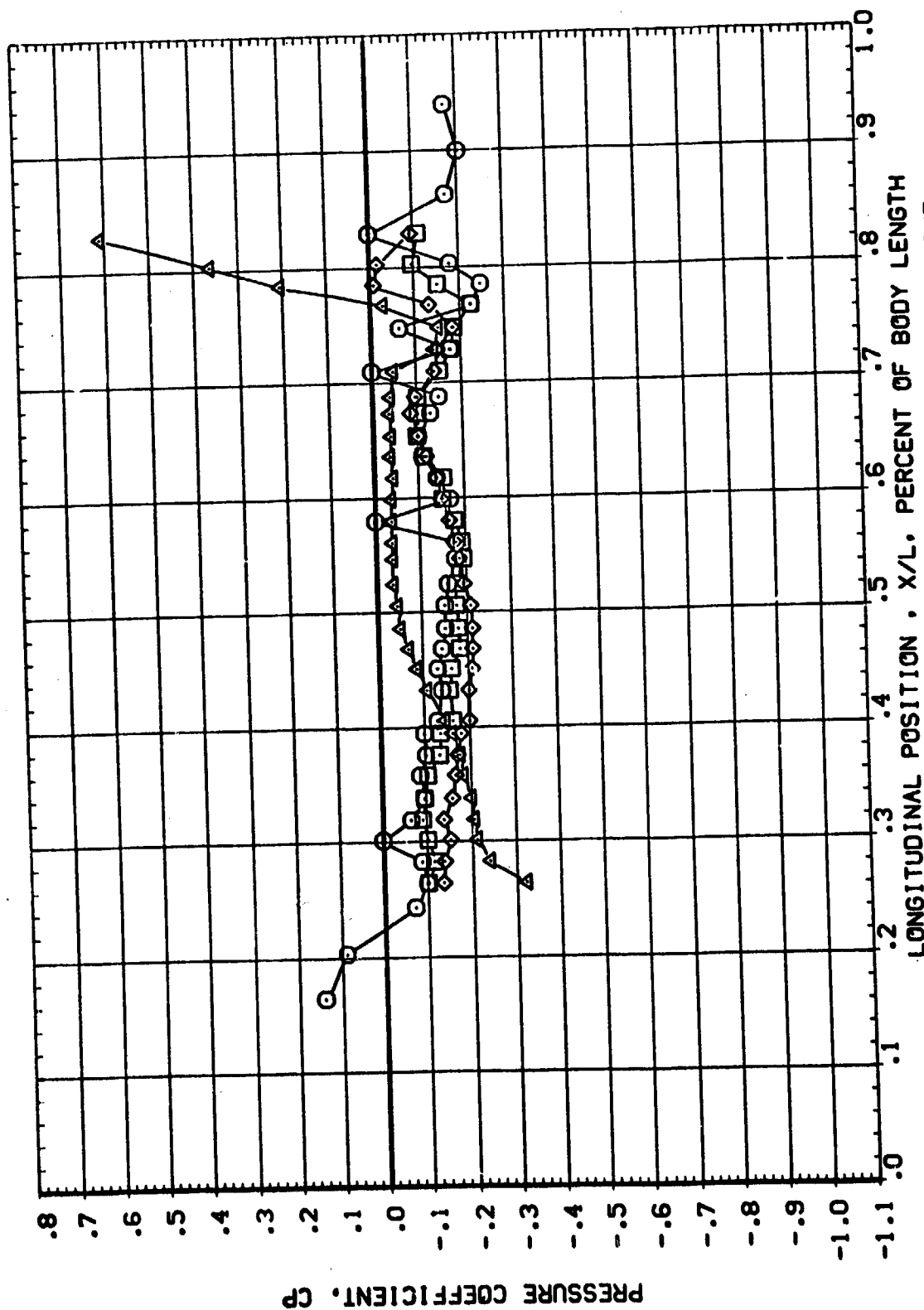


AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL
○ 90.000
□ 100.000
◇ 110.000
△ 120.000

PHI ALPHA MACH
10.570 1.499

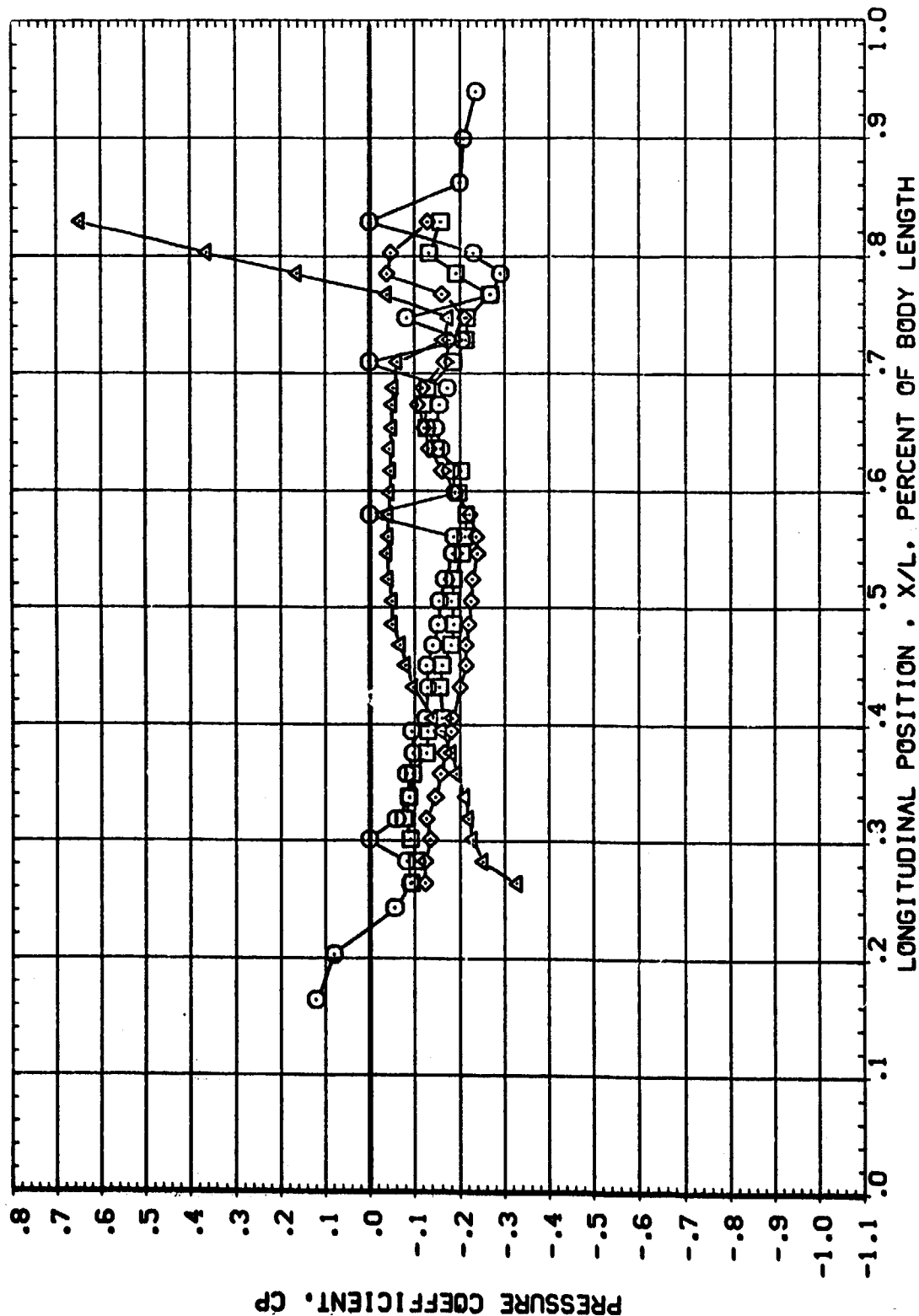
PARAMETRIC VALUES
BETA .000 ELEVTR .000
AILRON 3.500 RUDDER -15.000
RV/L



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

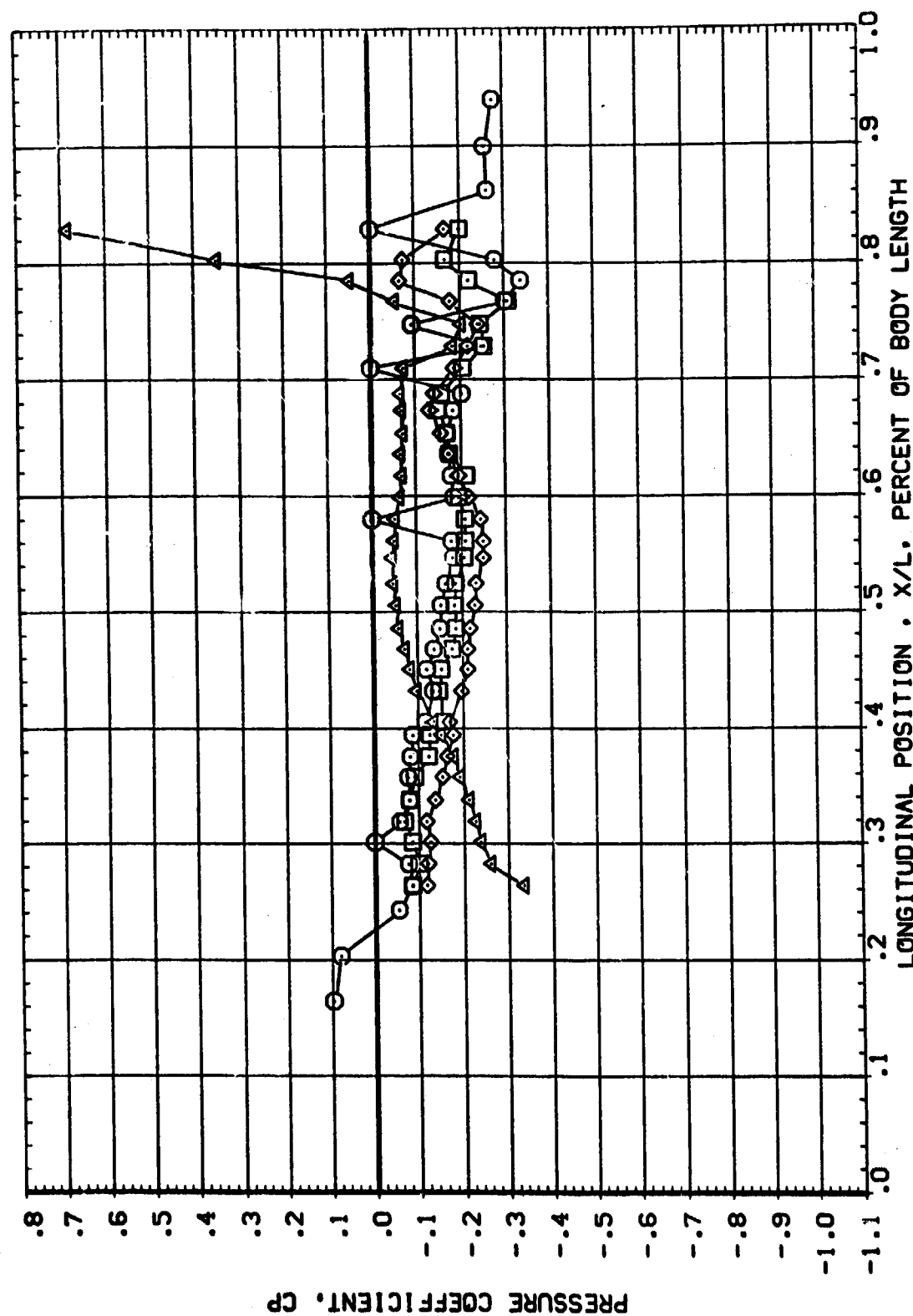
SYMBOL	PMI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	12.700	1.499	.000	ELEVTR
□	100.000			.000	RUDER
◇	110.000			3.500	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

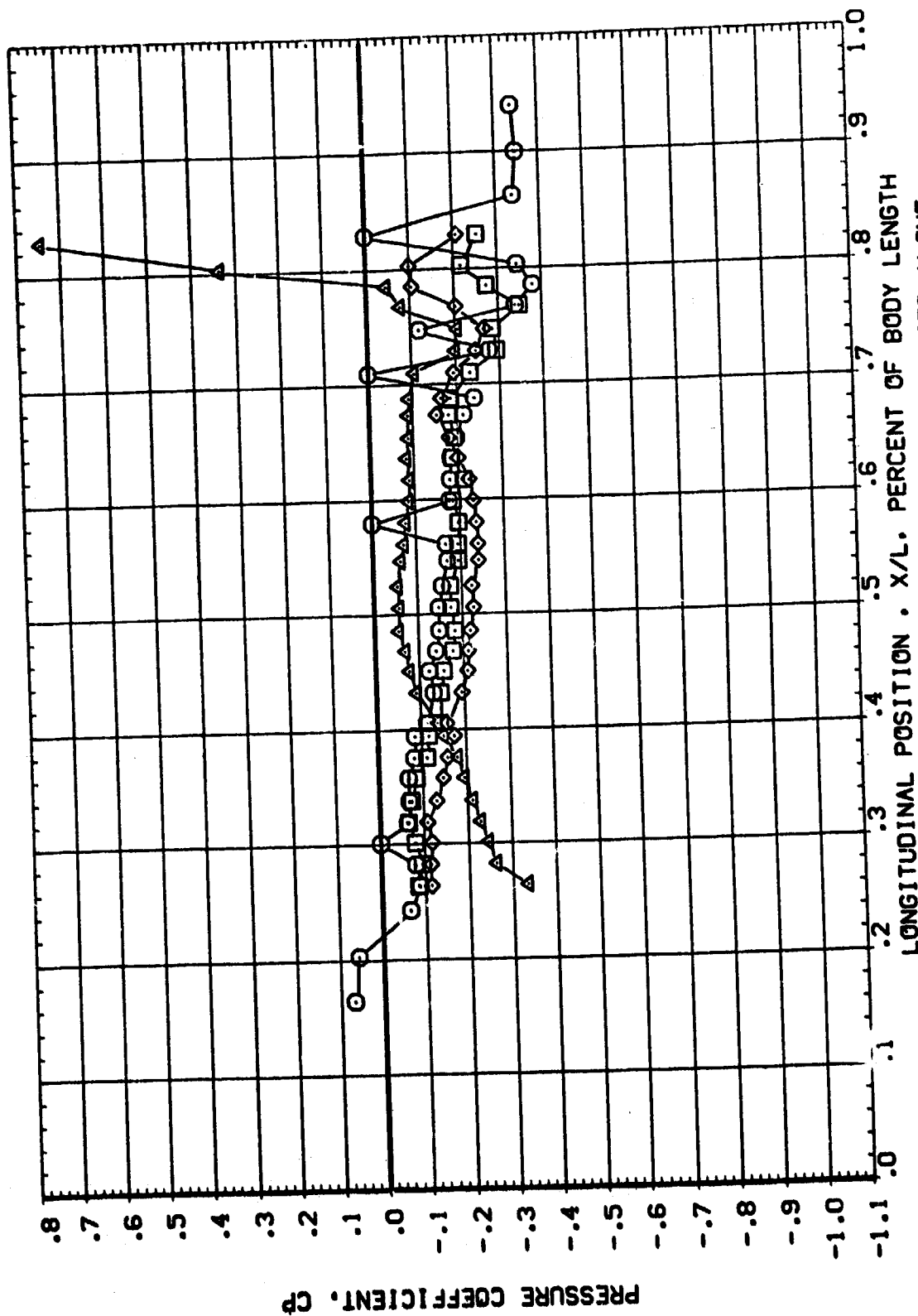
SYMC	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	14.780	1.500	.000	ELEVTR -15.000
□	100.000			.000	RUDDER .000
◇	110.000			3.500	
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

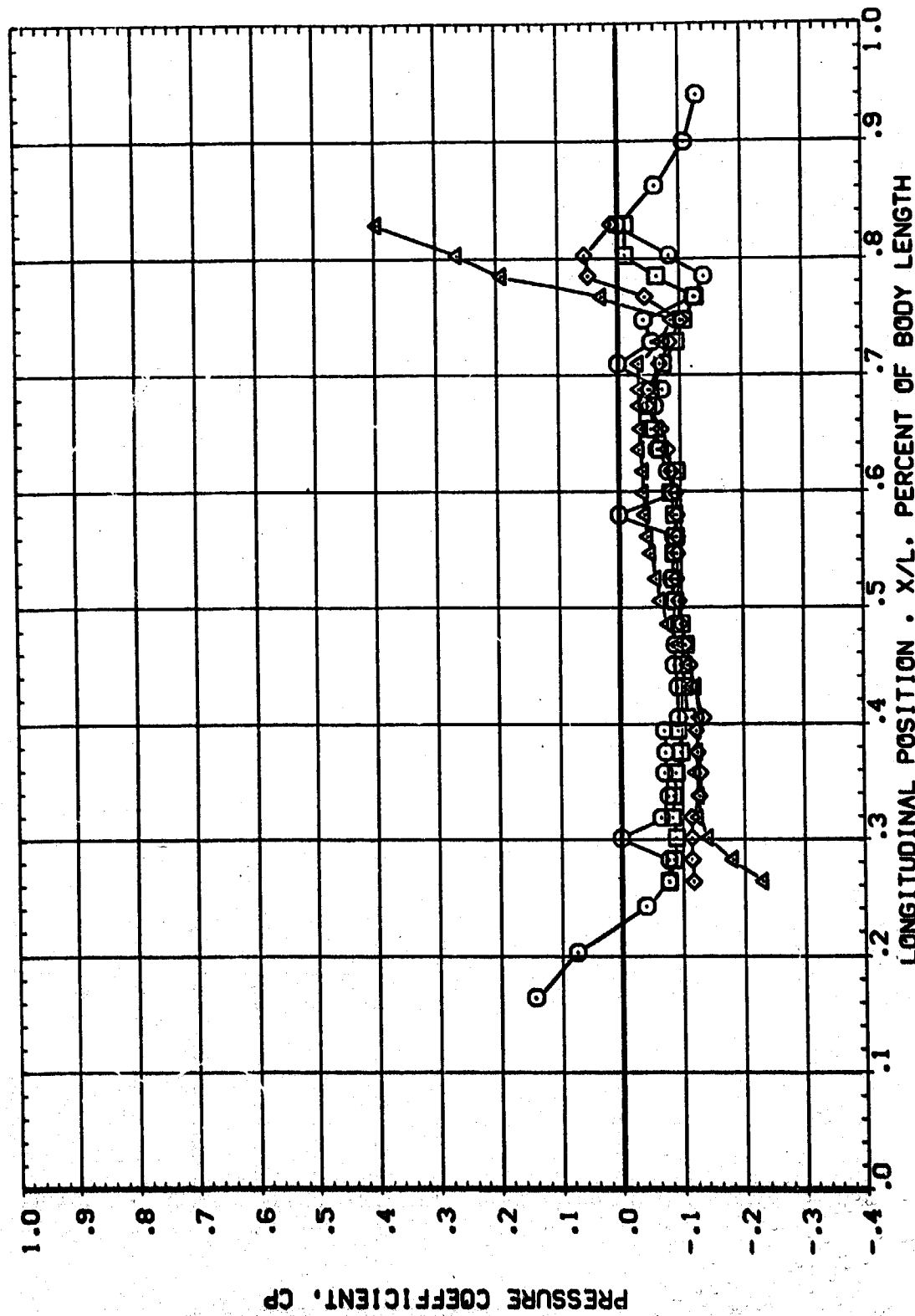
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	16.830	1.500	AILRON	.000 ELEVTR -15.000
□	100.000			RVL	.000 RUDDER .000
△	110.000				3.500
◇	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

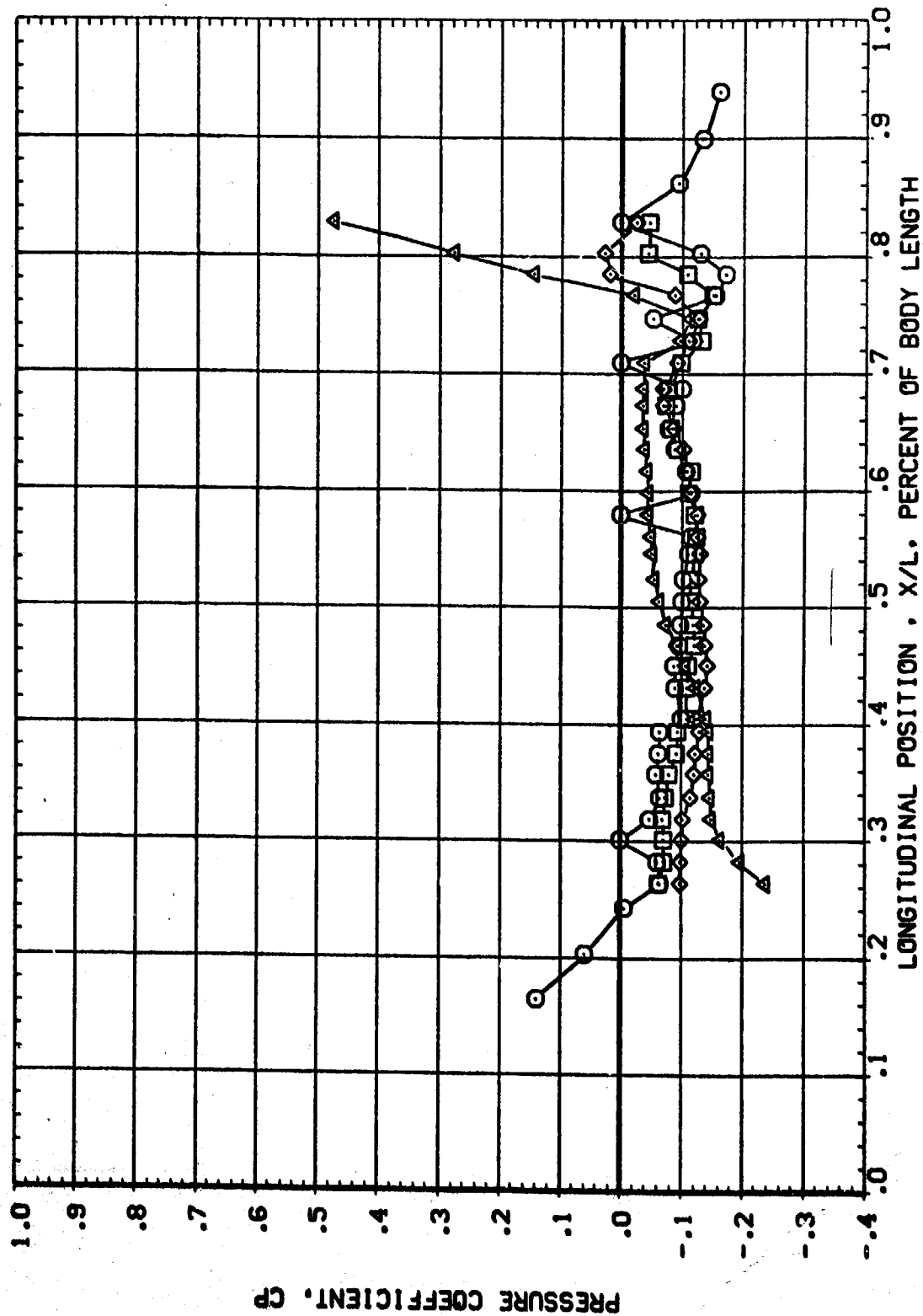
PHI	ALPHA	MACH	BETA	ELEVTR	RUDER
90.000	6.321	1.753	.000	.000	.000
100.000			.000		
110.000			2.250		
180.000					



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

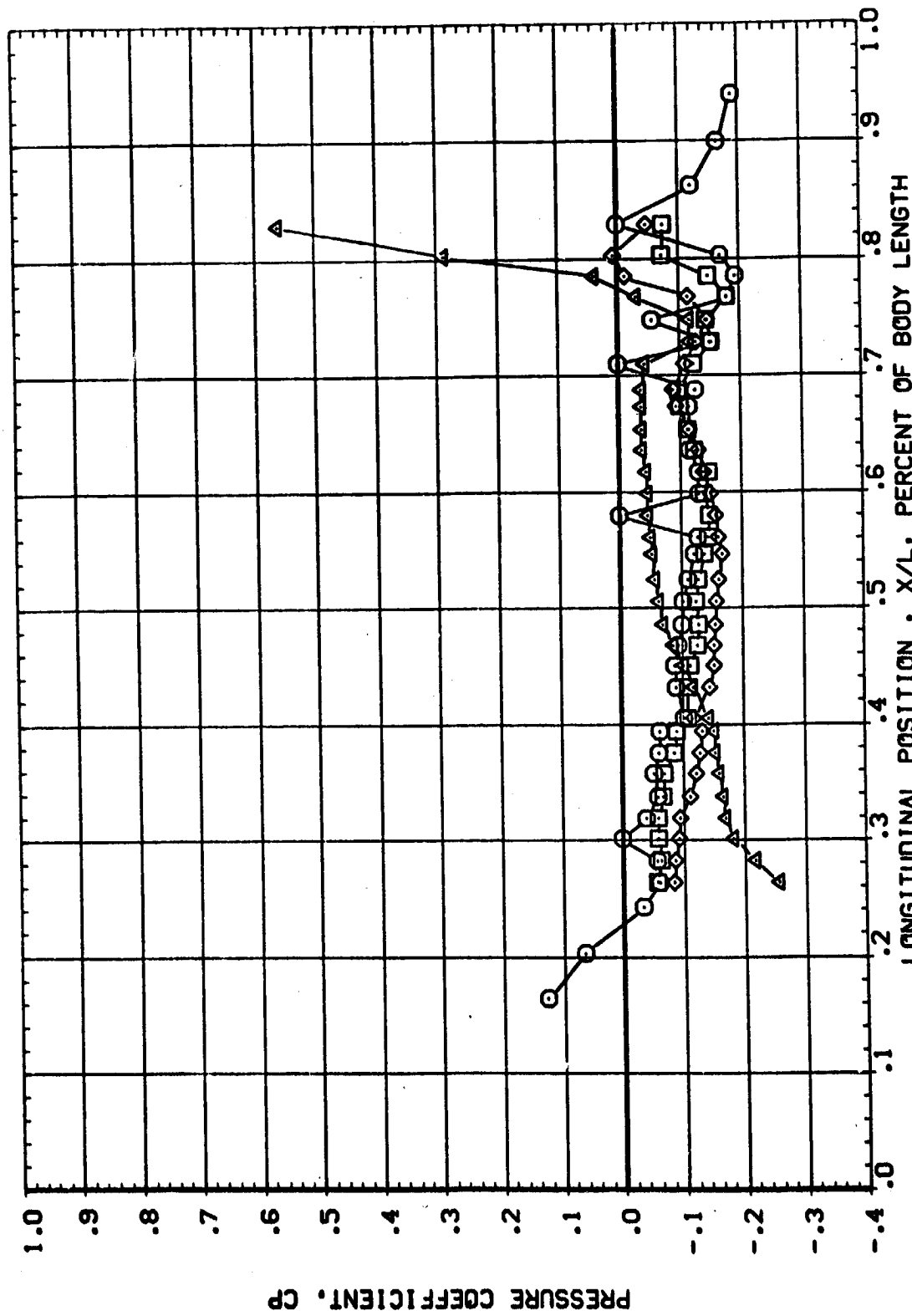
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
90.000	8.405	1.750	AILRON	.000
100.000			RUDDER	.000
110.000			RV/L	2.250
180.000				-15.000



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

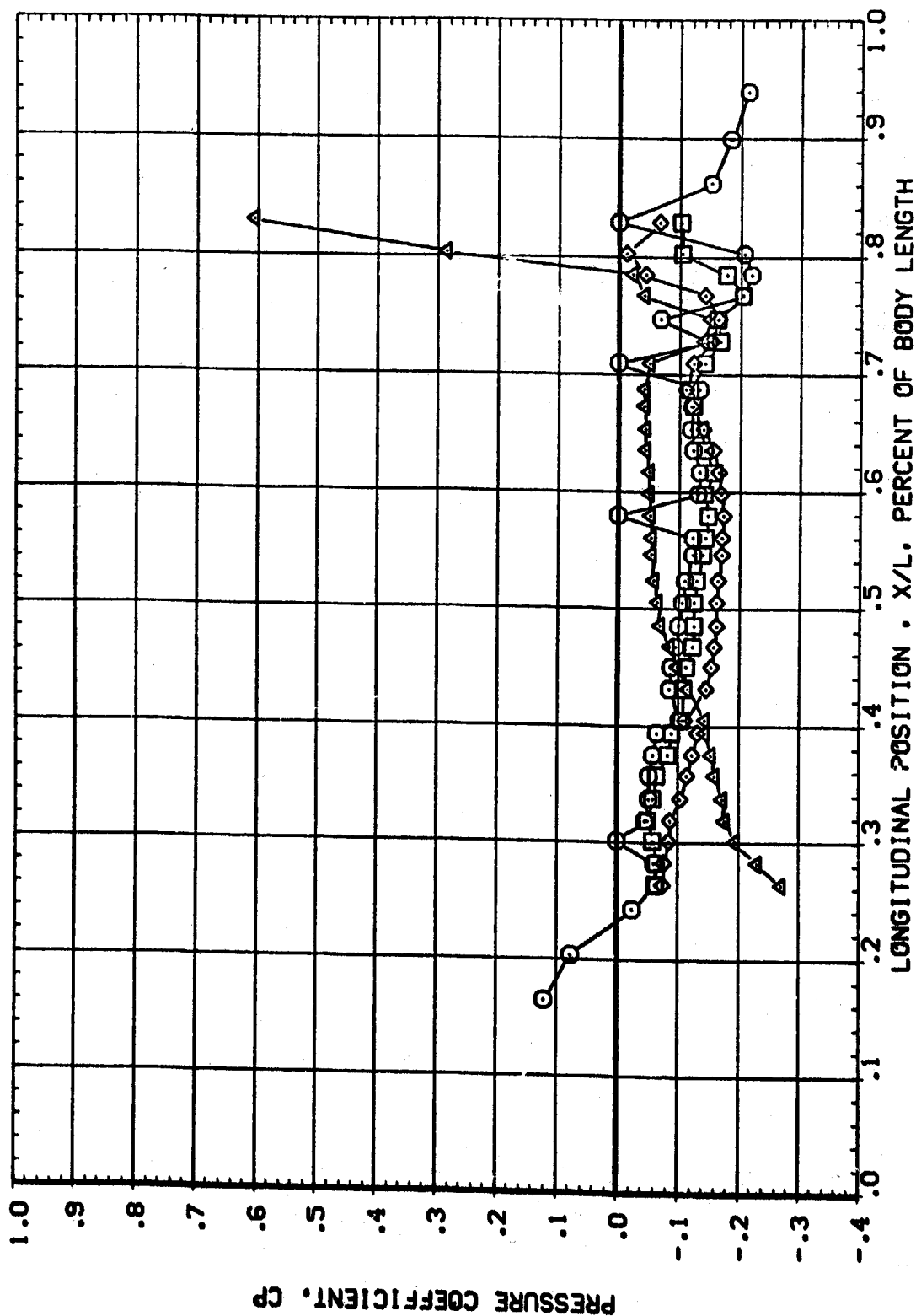
PMI	ALPHA	MACH	PARAMETRIC VALUES	
90.000	10.450	1.750	BETA	ELEVTR
100.000			AILRON	RUDDER
110.000			RNAL	2.250
180.000				-15.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

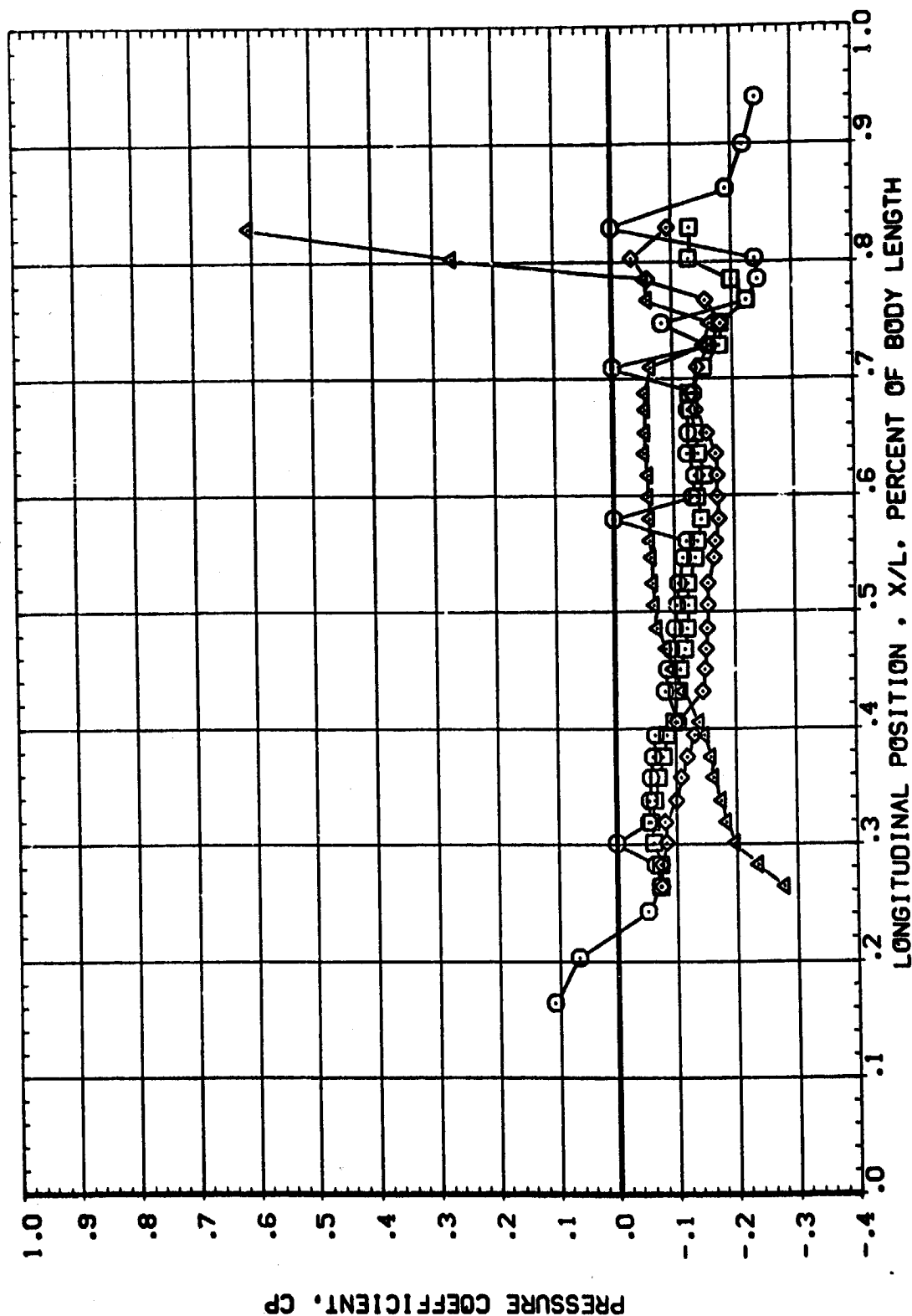
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL	PHI	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES	ELEVTR	RUDDER
○	90.000	12.550	1.750	.000	.000	2.250		-15.000	.000
□	100.000								
◇	110.000								
△	180.000								



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

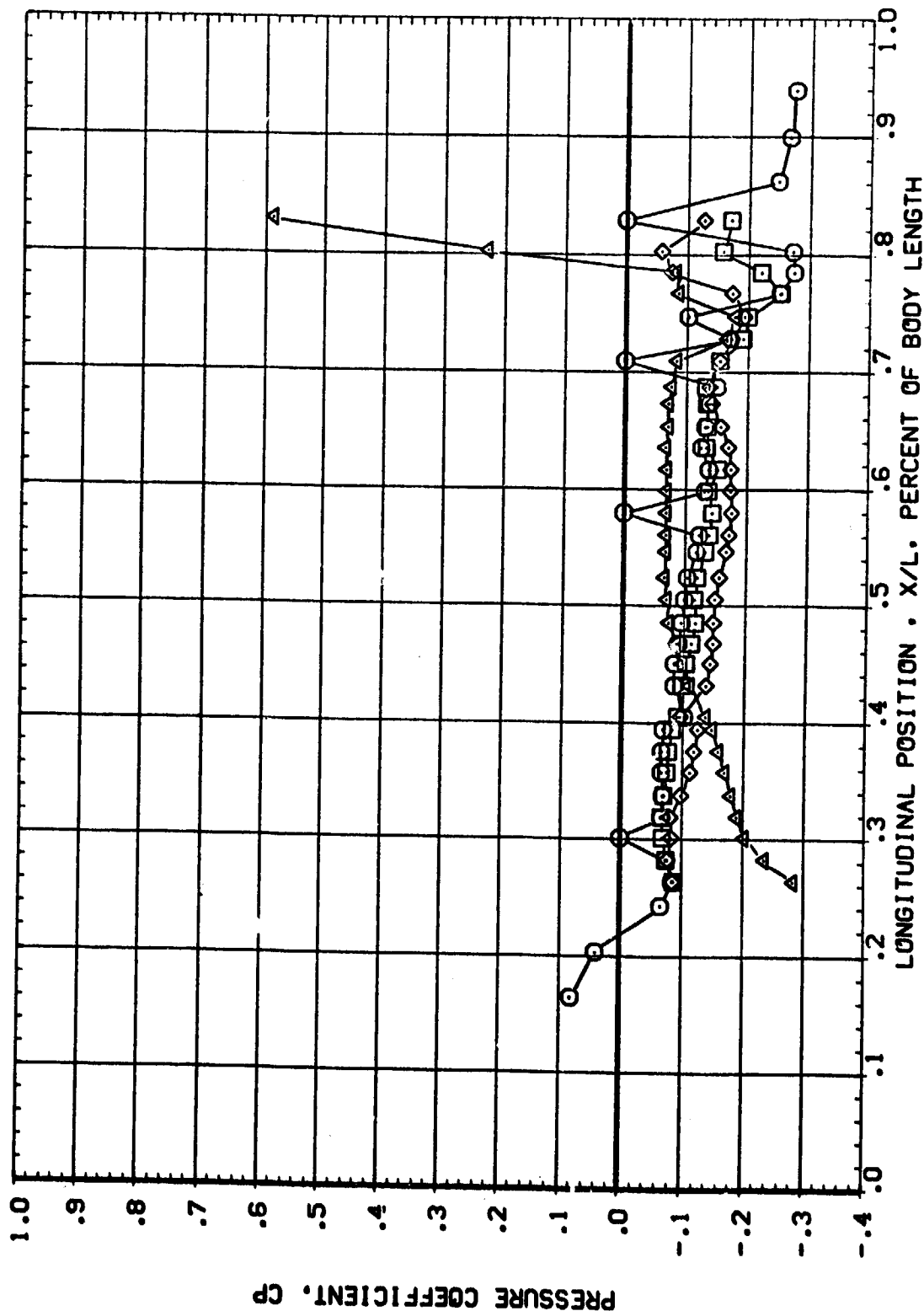
SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	14.600	1.750	AILRON	.000
□	100.000			RUDDER	.000
◇	110.000			RN/L	2.250
△	180.000				



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL	PHI	ALPHA	MACH	PARAMETRIC VALUES			
○	90.000	16.600	1.750	BETA	.000	ELEVTR	-15.000
□	100.000			AIRLON	.000	RUDDER	.000
◇	110.000			RV/L	2.250		
△	180.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

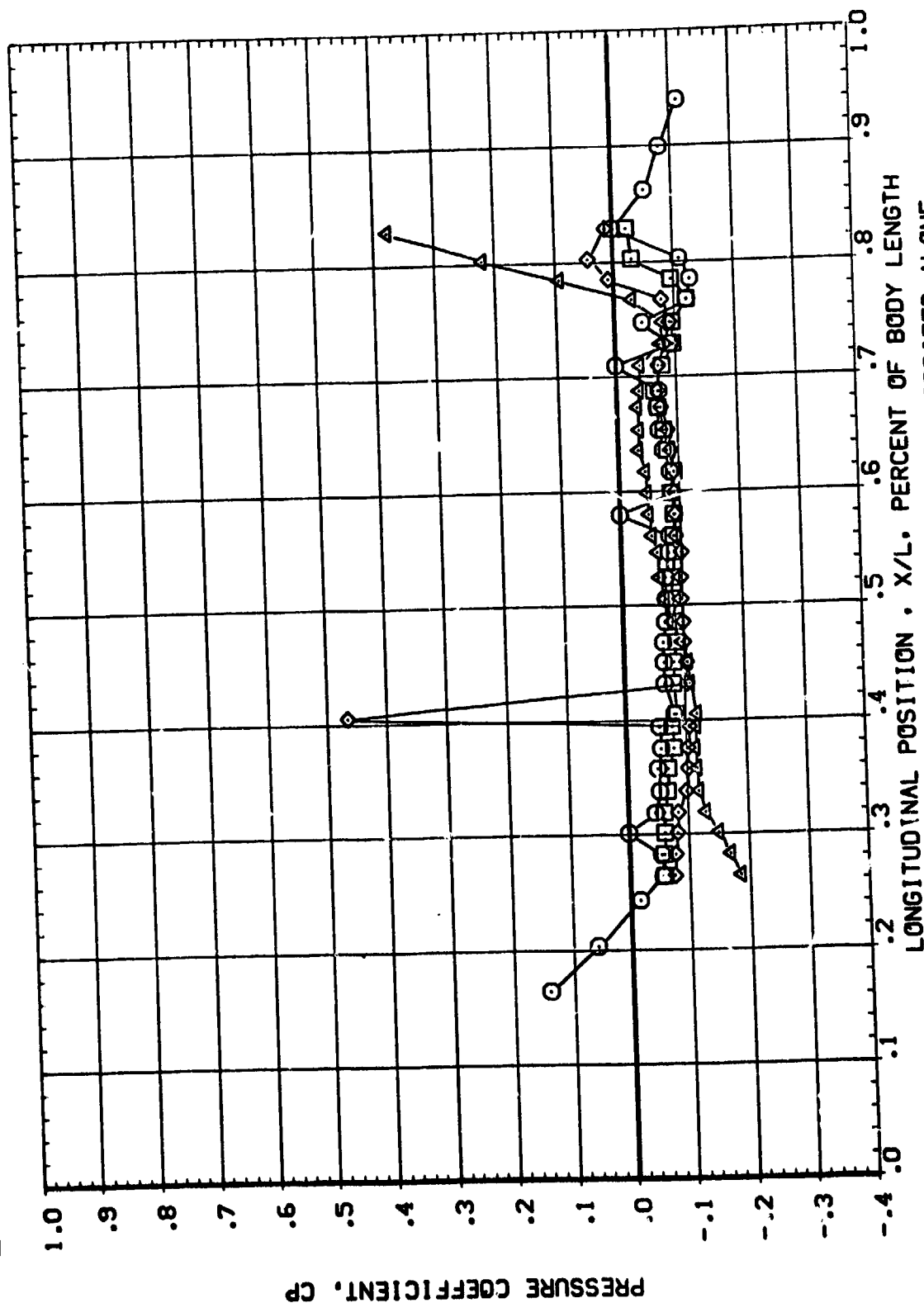


AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

STROD
90.000
100.000
110.000
180.000

PHI ALPHA MACH
6.785 2.020

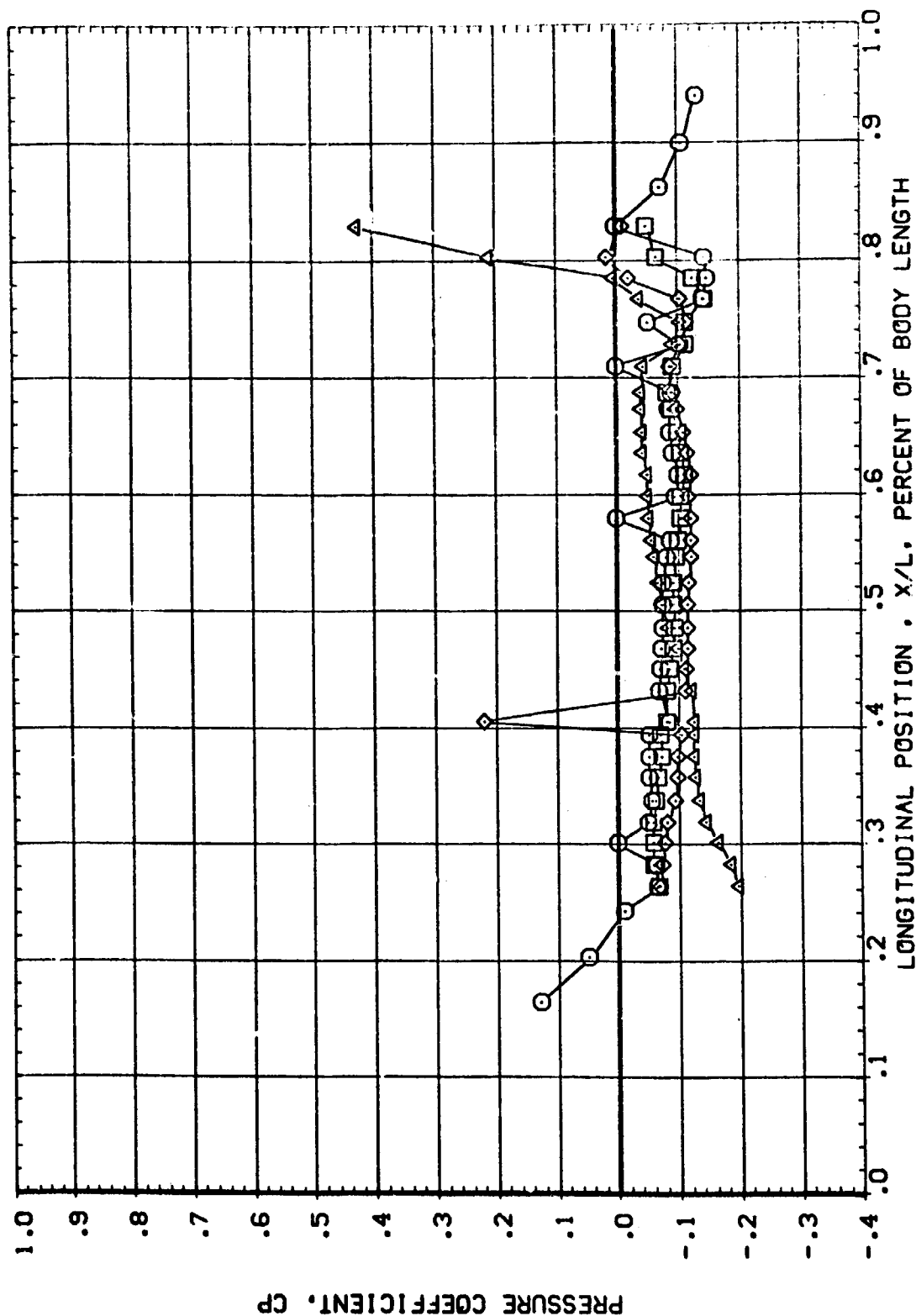
PARAMETRIC VALUES
BETA .000 ELEVTR -15.000
AILRON .000 RUDDER .000
RN/L 2.250



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECOO1)

SYMBOL	PARAMETRIC VALUES
○	BETA
□	AILRON
◇	RN/L
△	ELEVTR
	RJODER
	2.250
	-15.000
	.000
	.000
	.000

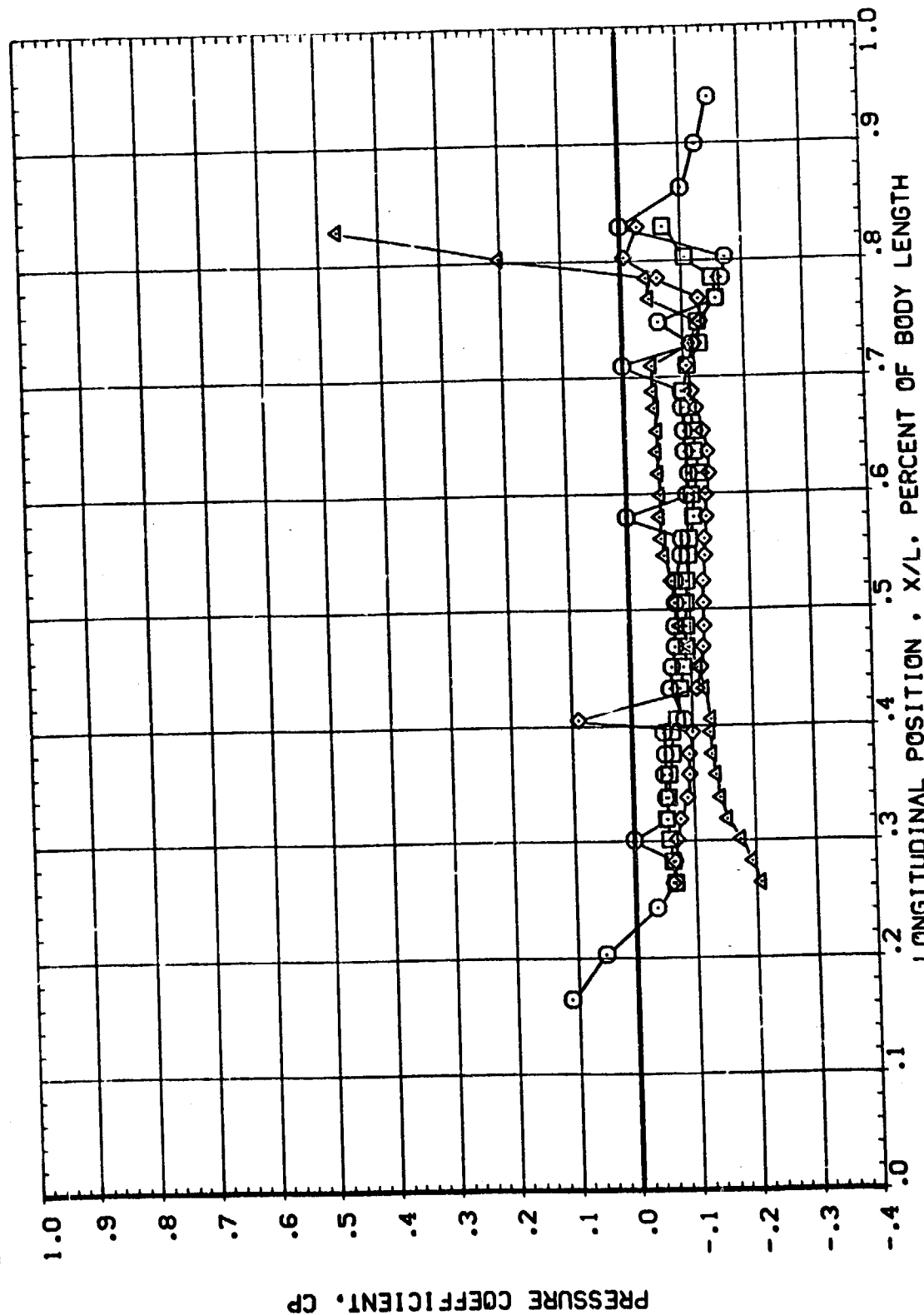


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

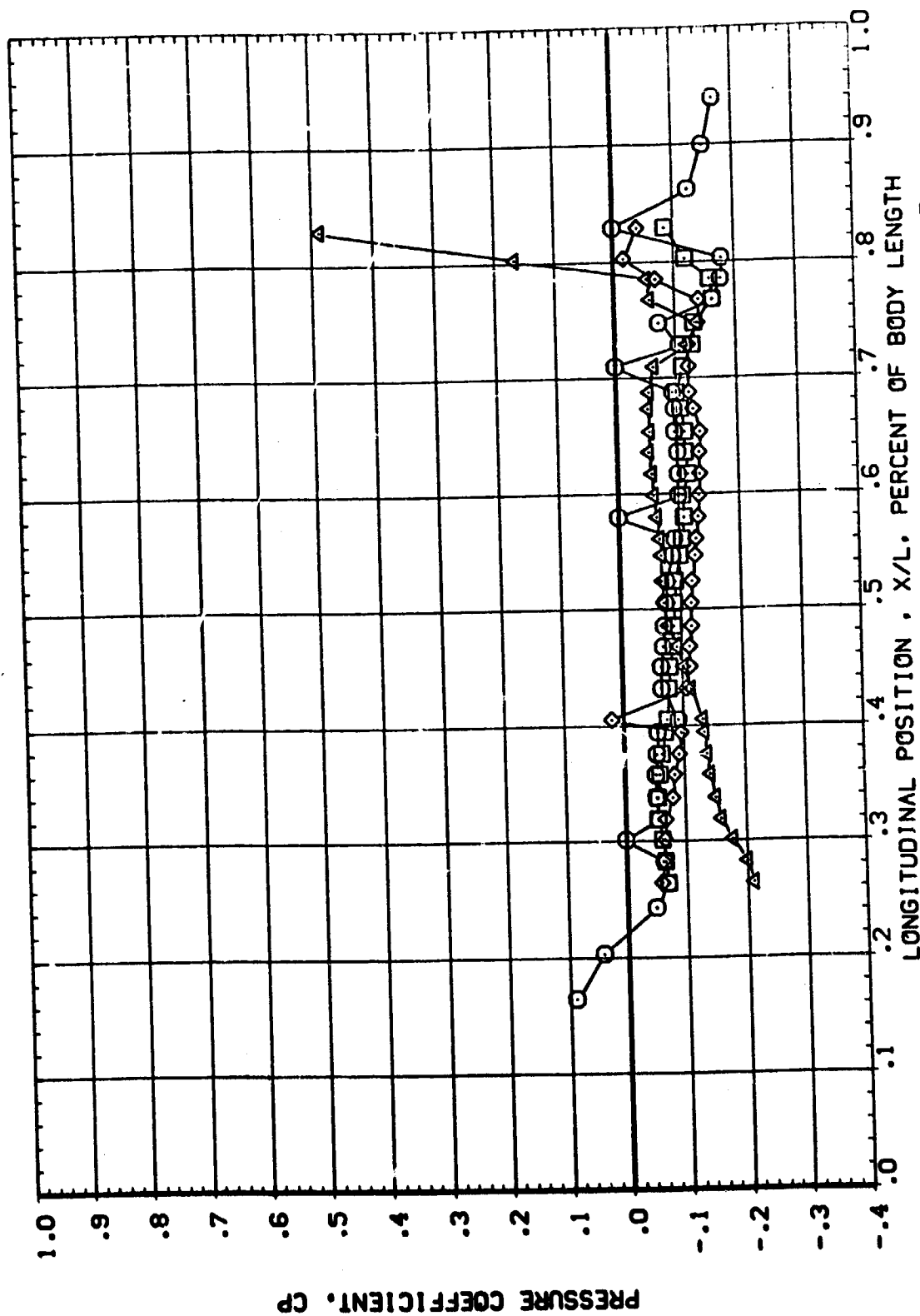
SYMBOL	Q _∞	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	-15.000
○	90.000	10.950	2.018	AILRON	.000	RUDER	.000
□	20.000			RN/L	2.250		
◇	110.000						
△	80.000						



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECOOI)

SYMBOL	PMI	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
○	90.000	13.010	2.020	.000	.000	.000	-15.000
□	100.000			.000			
◇	110.000			2.250			
△	180.000						

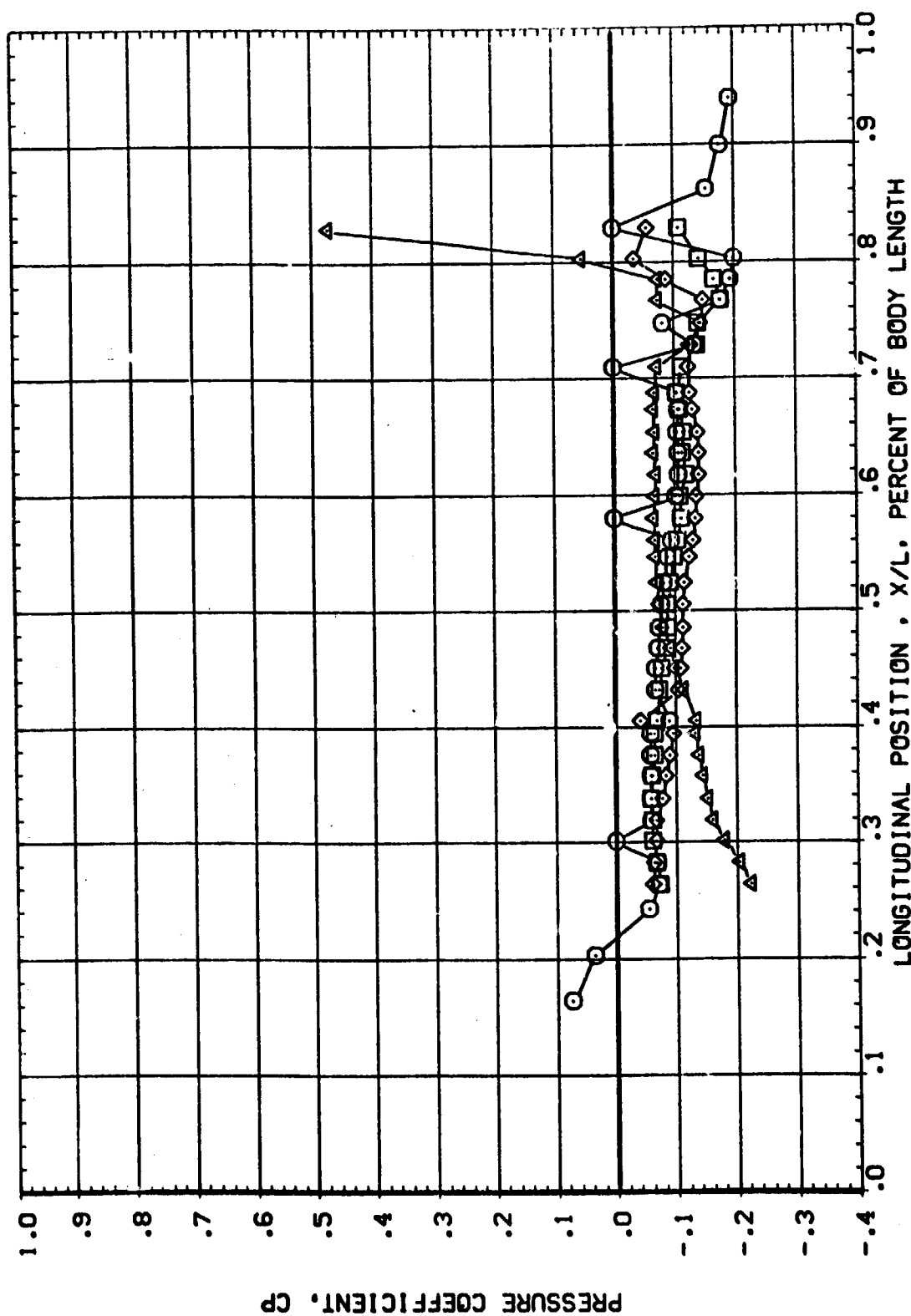


LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 68-030 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL	PHI	ALPHA	MACH	BETA	ELEVTR	RUDDER
○	90.000	15.020	2.019	.000	.000	.000
◇	100.000			.000		
△	110.000			2.250		
	180.000					

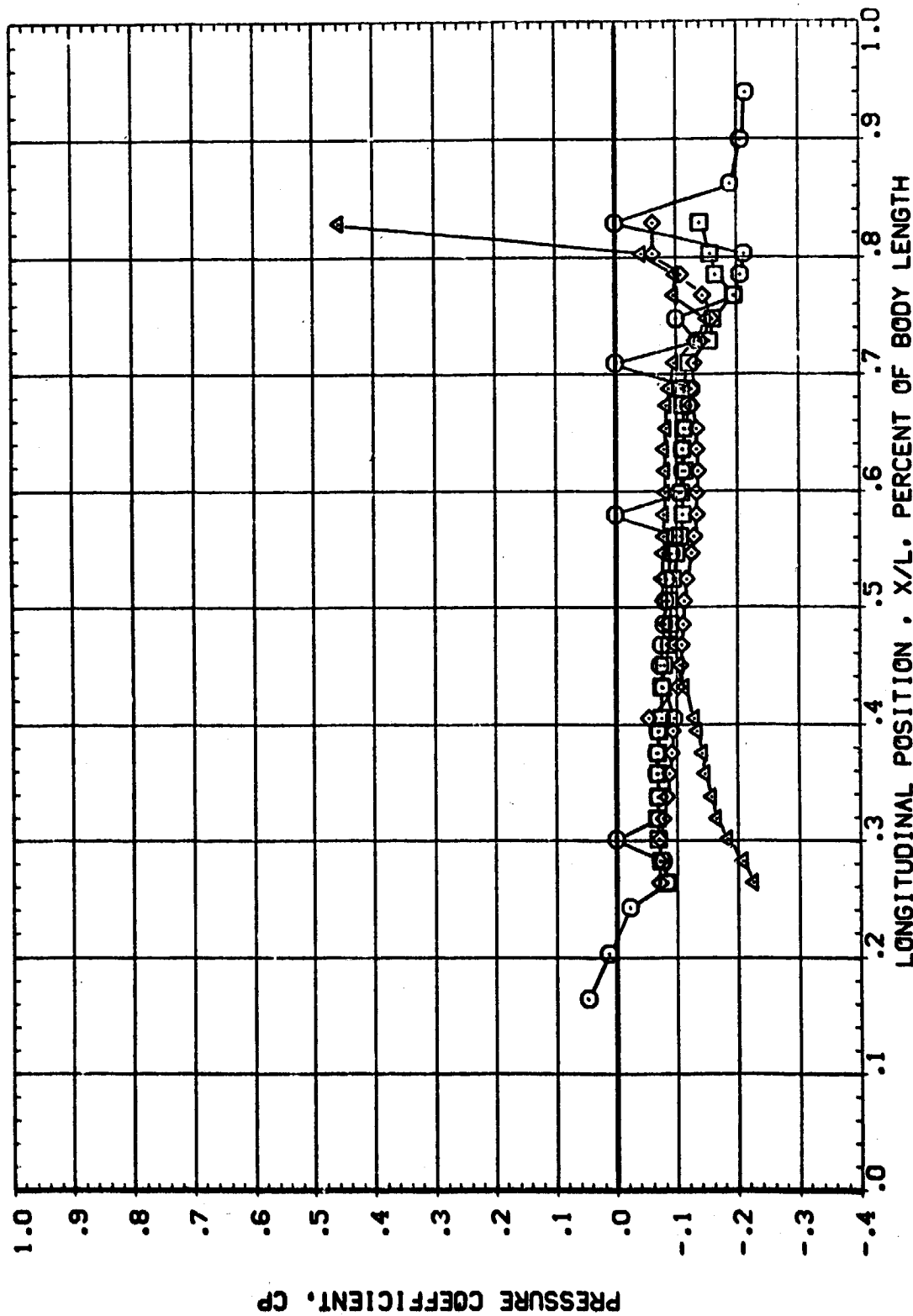
PARAMETRIC VALUES



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL	PHI	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	90.000	17.010	2.017	AILRON	.000
□	100.000			RNL	2.250
◇	110.000			ELEVTR	-15.000
△	180.000			RUDER	.000



LONGITUDINAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



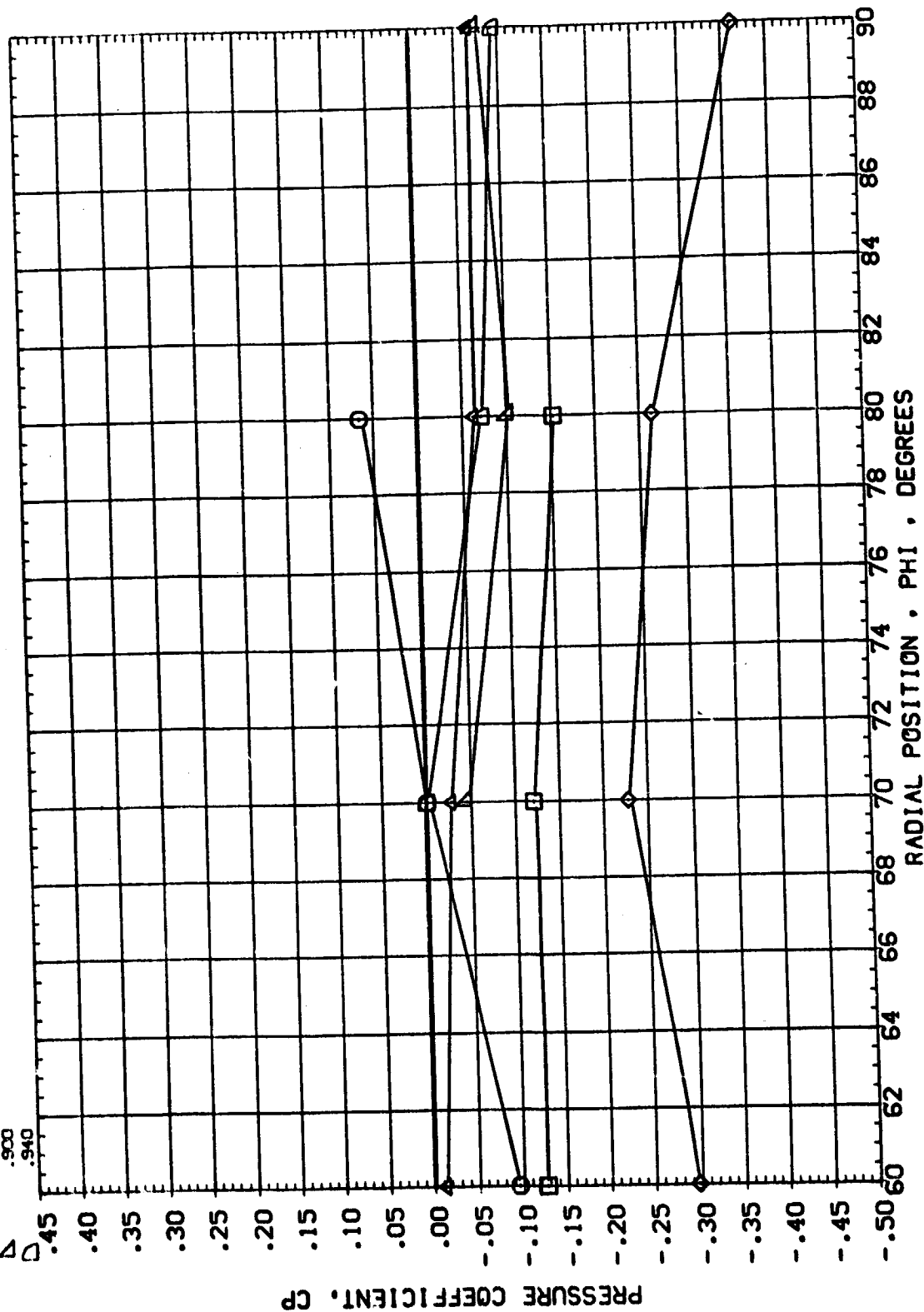
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

SV-80L
 .087
 .126
 .164
 .862
 .900
 .940

ALPHA
 -8.342

MACH
 .602

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 3.500
 ELEVTR .000
 RUDDER .000

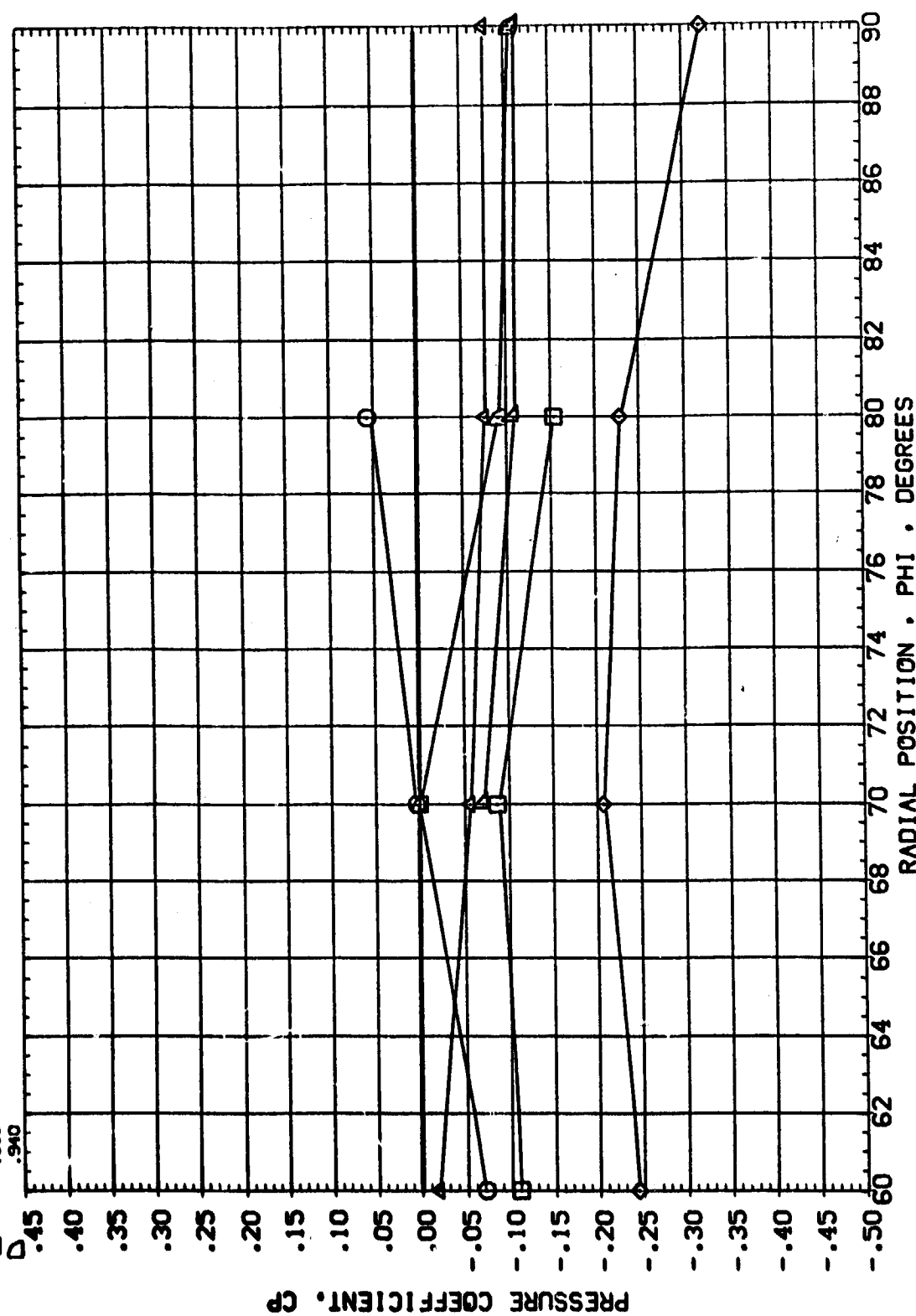


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

PARAMETRIC VALUES	
ELEVTR	.000
RDOOR	.000
	3.500

SYMBOL	X/L	ALPHA	NACH
U	.087	-6.372	.598



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

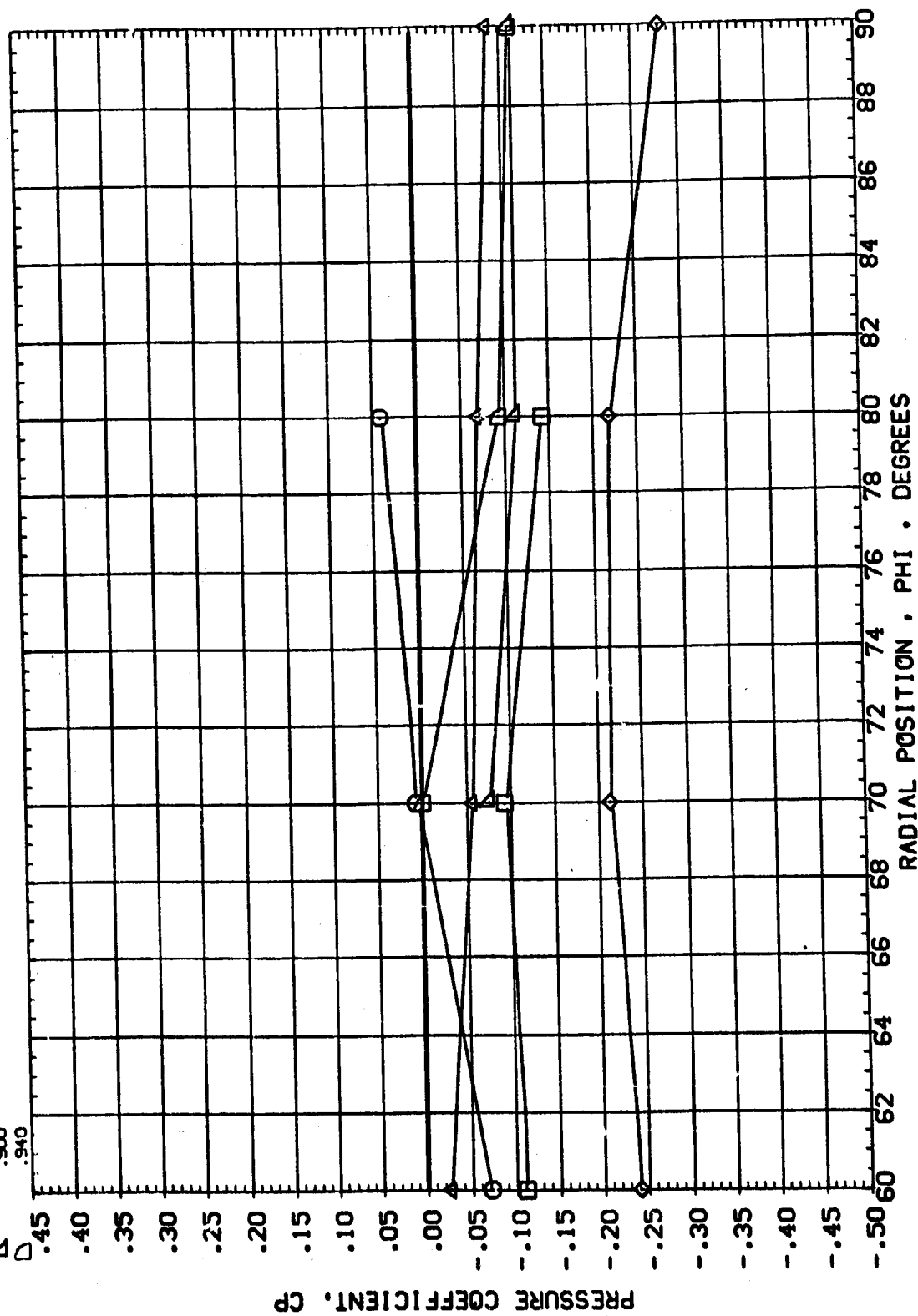
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

SYMBOL X/L ALPHA MACH

○	.087	-4.359	.595
□	.126		
△	.164		
▽	.862		
◇	.900		
◇	.940		

PARAMETRIC VALUES

BETA	.000
ELEVTR	.000
AILRON	.000
RUDER	.000
RN/L	3.500

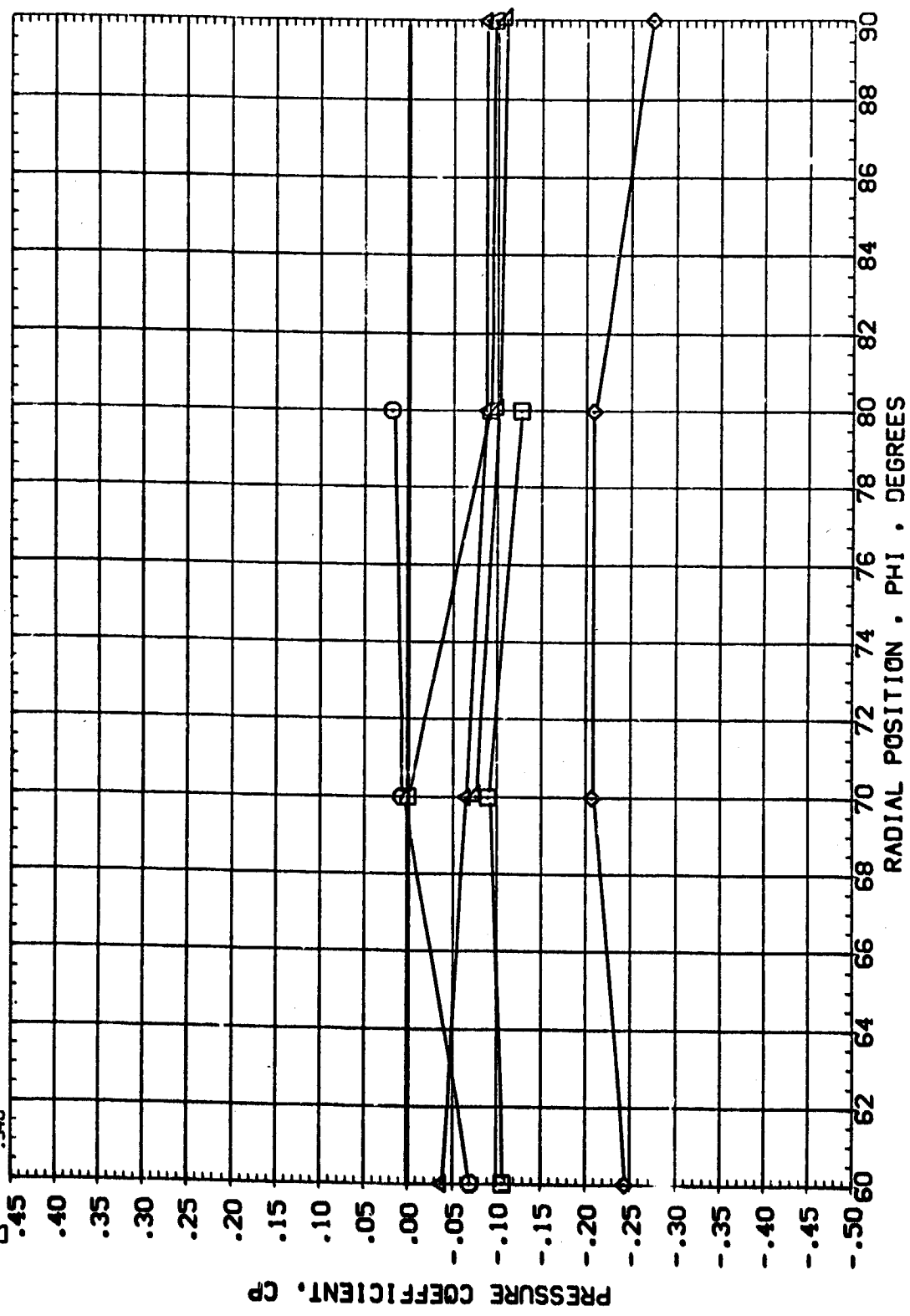


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

SYMBOL X/L ALPHA MACH
 .087 -2.195 .601
 .126
 .164
 .662
 .900
 .940

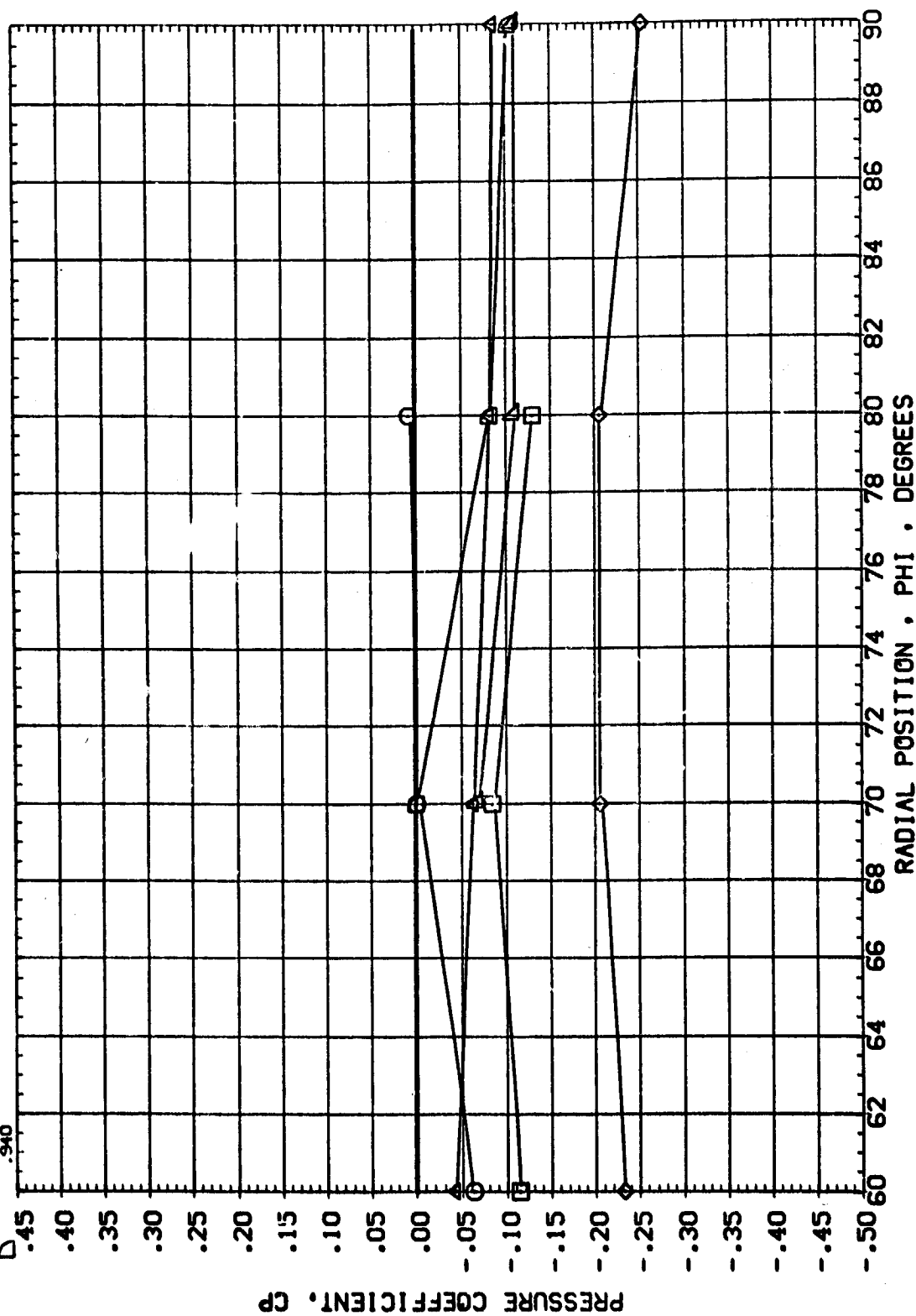
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 3.500
 ELEVTR .000
 RUDDER .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8003)

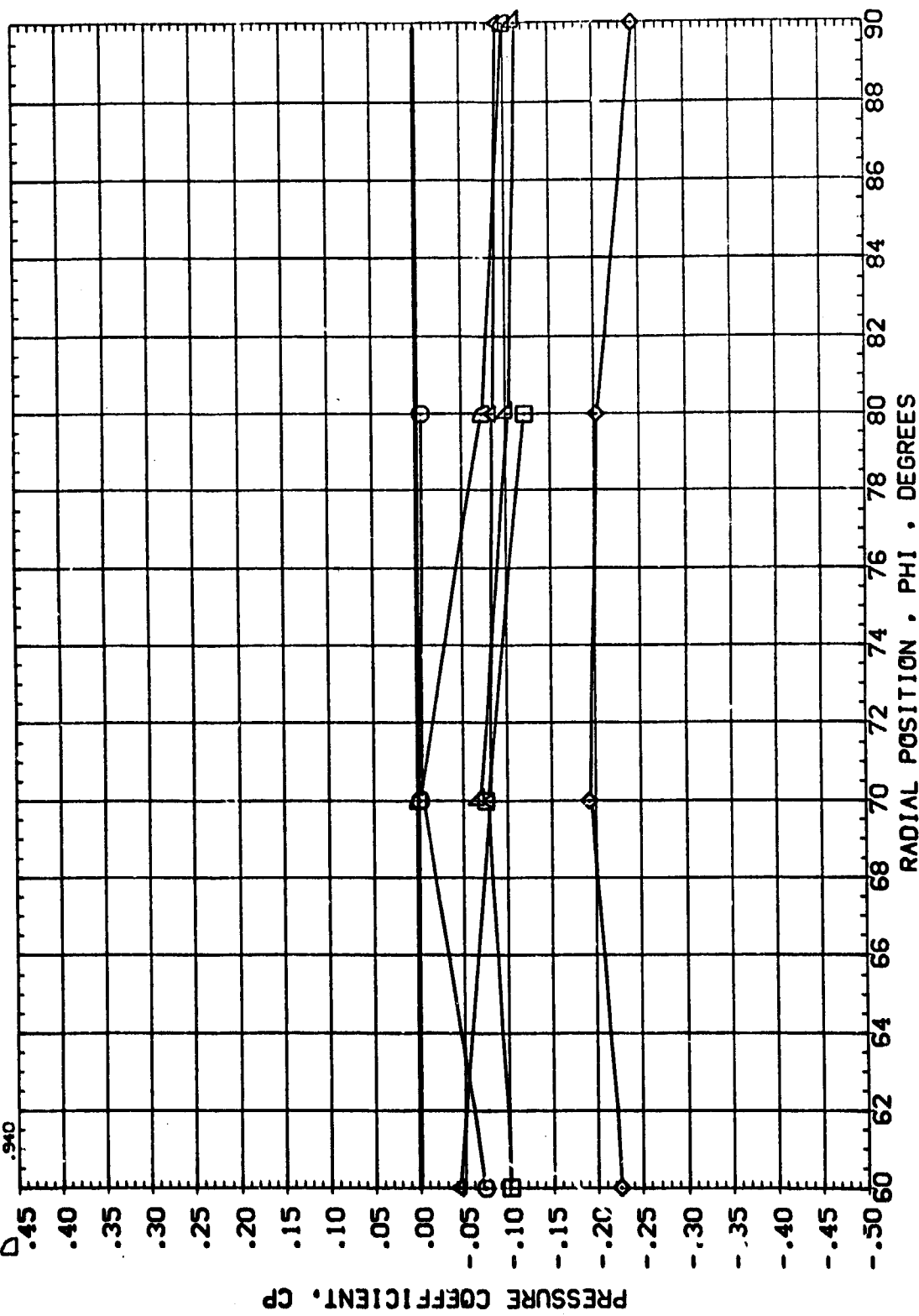
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RLODER	.000
				RV/L	3.500		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RN/L	3.500		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



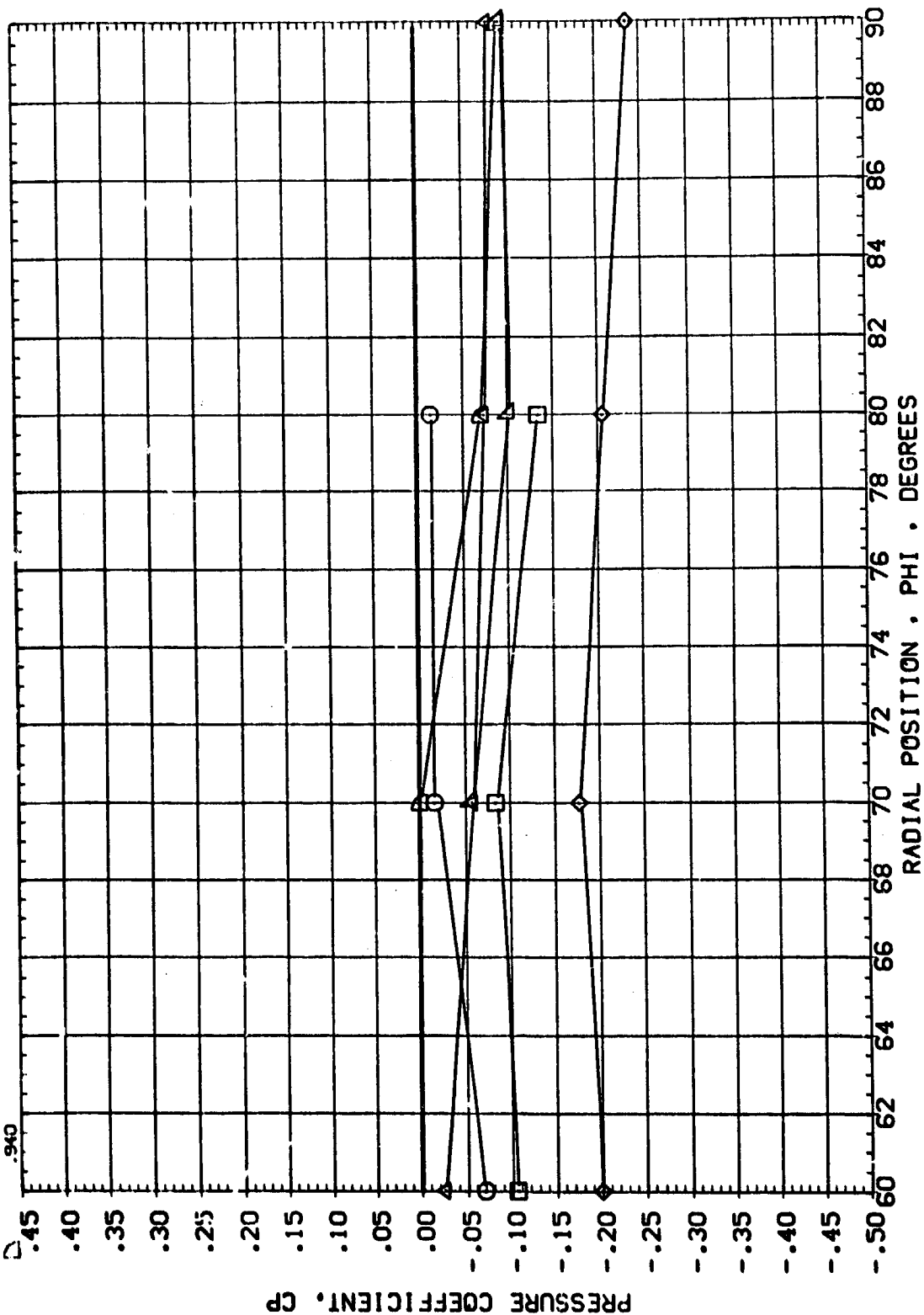
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

PARAMETRIC VALUES

BETA	.000	ELEVTR	.000
AILRON	.000	RLODER	.000
RN/L	3.500		

ALPHA 4.049 MACH .598

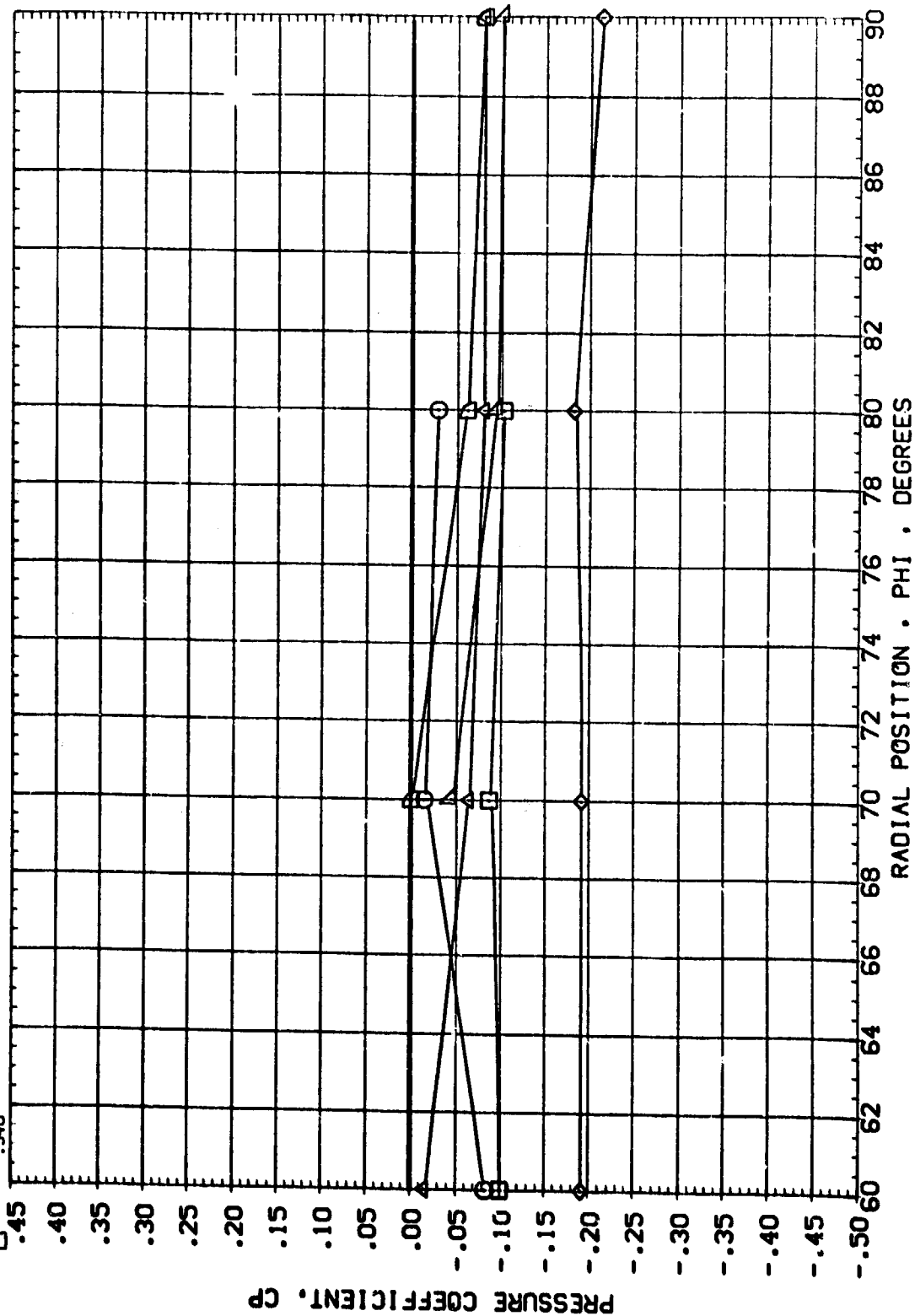
X/L .087
.126
.164
.862
.900
.940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

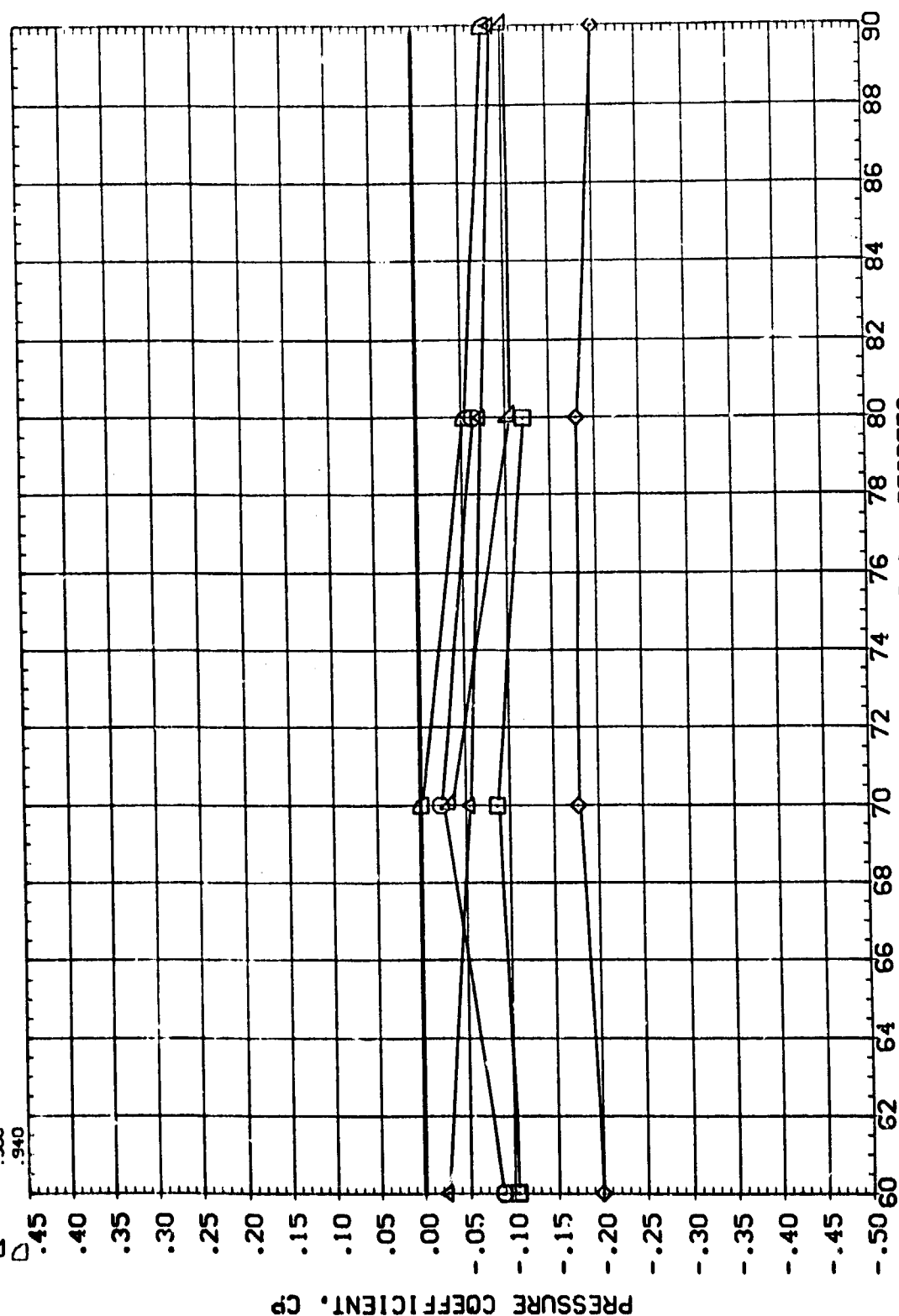
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	6.091	.599	AILRON	.000 ELEVTR
◇	.126			RN/L	.000 RUDDER
△	.164				3.500
▽	.862				
○	.900				
◇	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

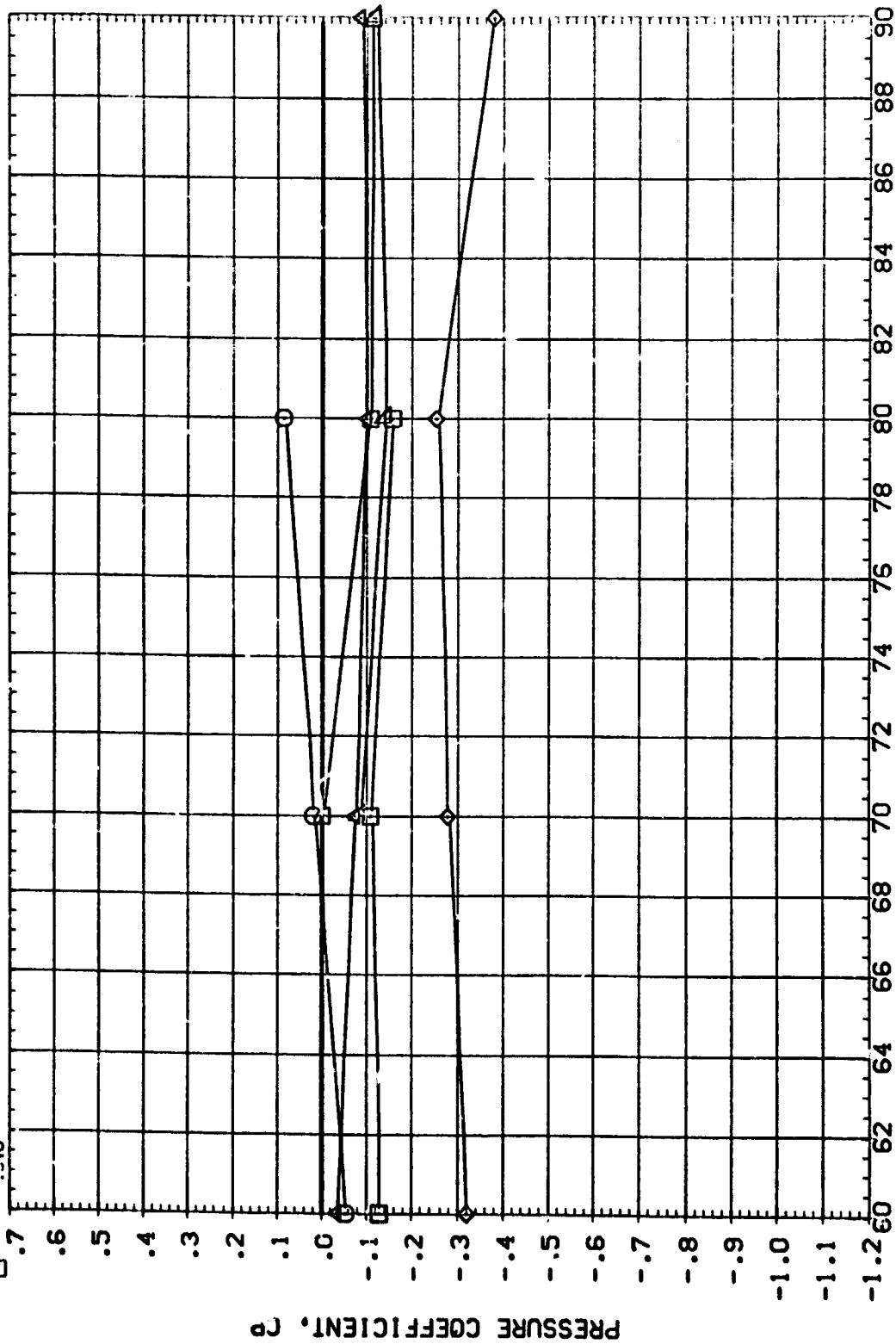
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	.000
□	.087	8.229	.600	AILRON	.000	.000
◇	.126			RN/L	3.500	
△	.164					
▽	.862					
○	.900					
◇	.940					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDER	.000
				RV/L	4.000		

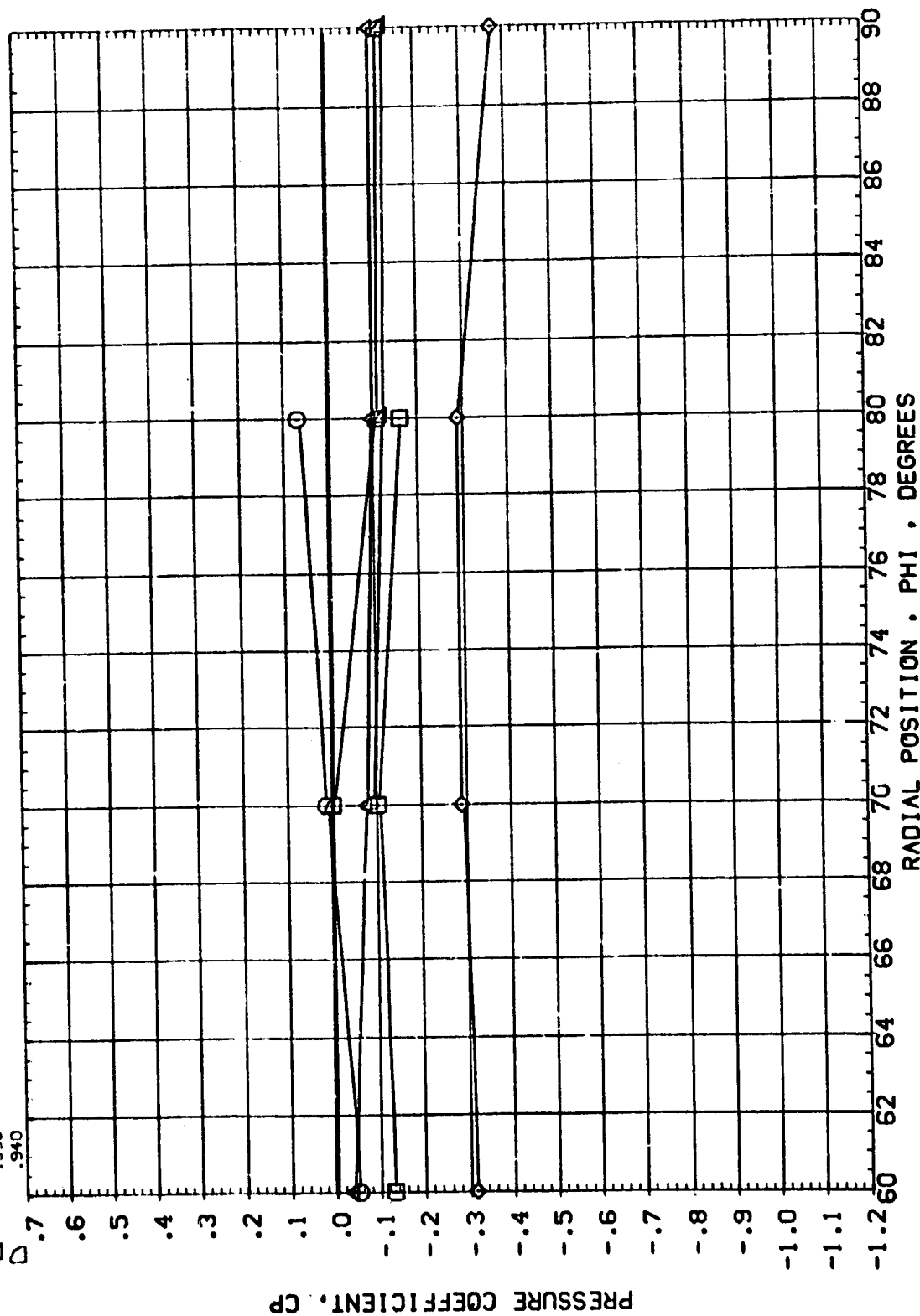


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

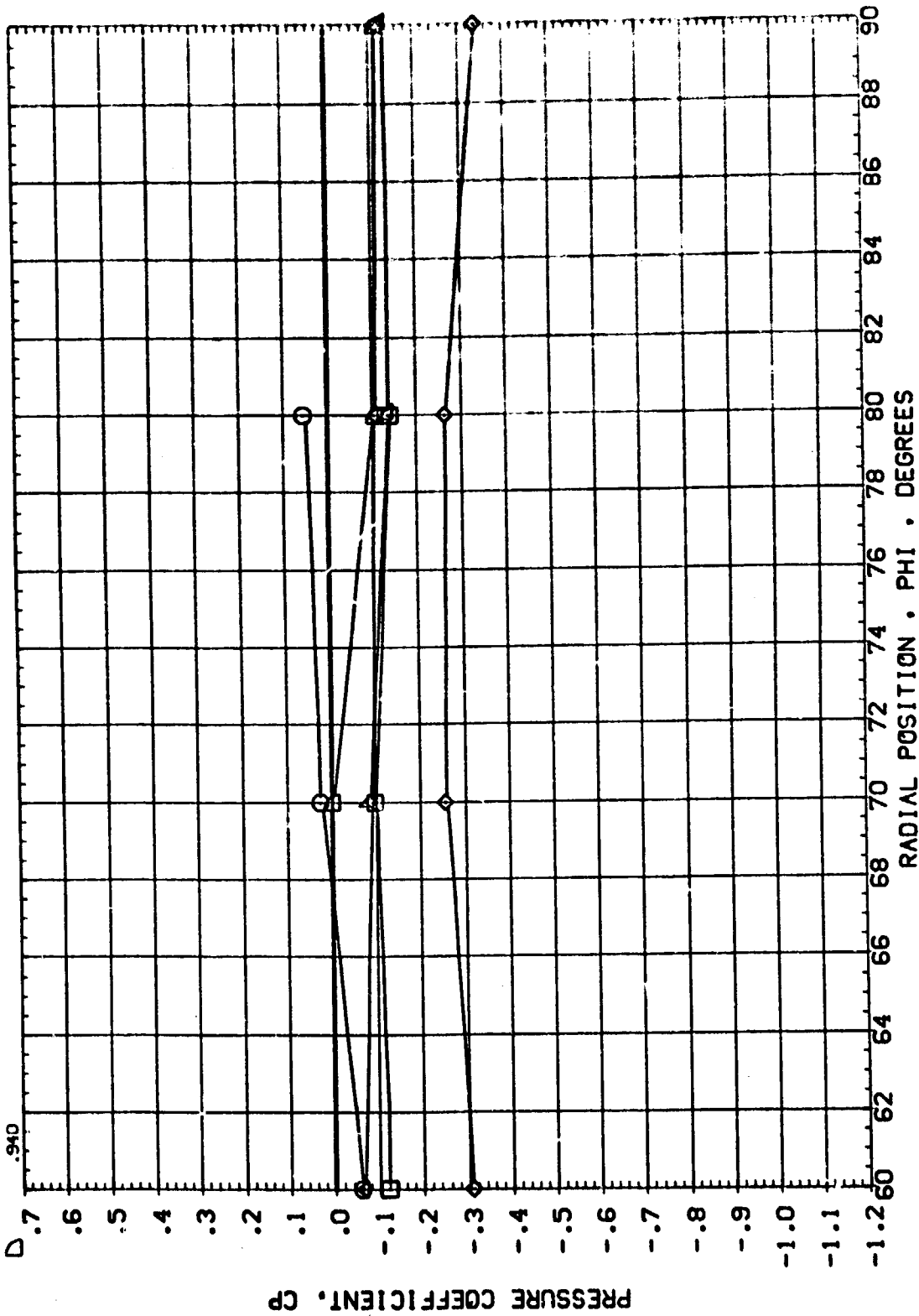
SYMBOL		X/L	ALPHA	MACH	PARAMETRIC VALUES			
					BETA	ELEVTR		
○		.087	-6.353	.751	.000	.000	.000	
□		.126			.000	RUDDER		
△		.164			4.000			
▽		.862						
◇		.930						
◇		.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

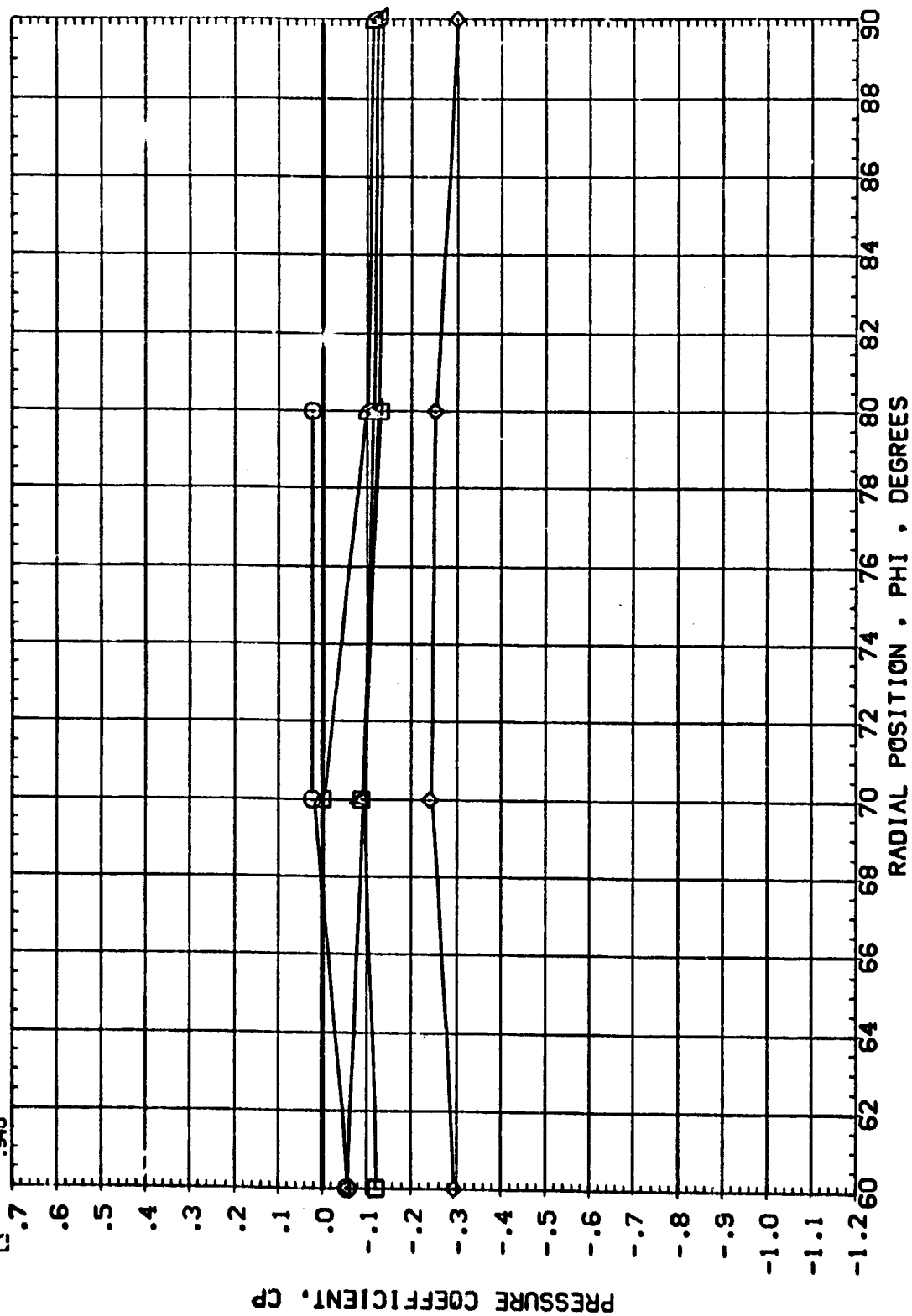
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.087	-4.245	.750	BETA	.000	ELEVTR
	.126			AILRON	.000	RLOOR
	.164			RN/L	4.000	
	.862					
	.900					
	.940					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

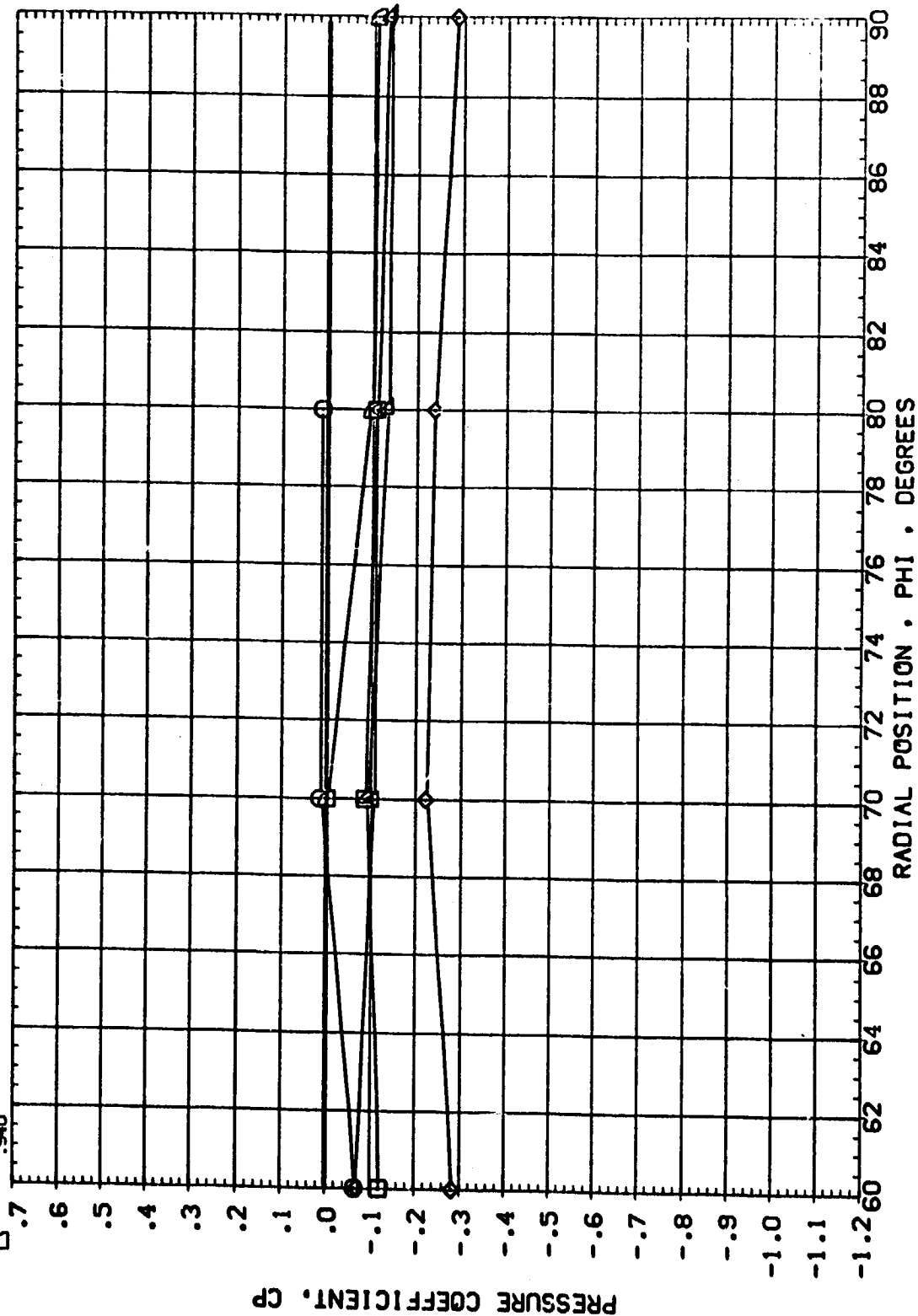
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RN/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	ELEVTR	RUDDER
□	.087	.000	.751	.000	.000	4.000	.000	.000
◇	.126							
△	.164							
▽	.862							
◊	.900							
◻	.940							



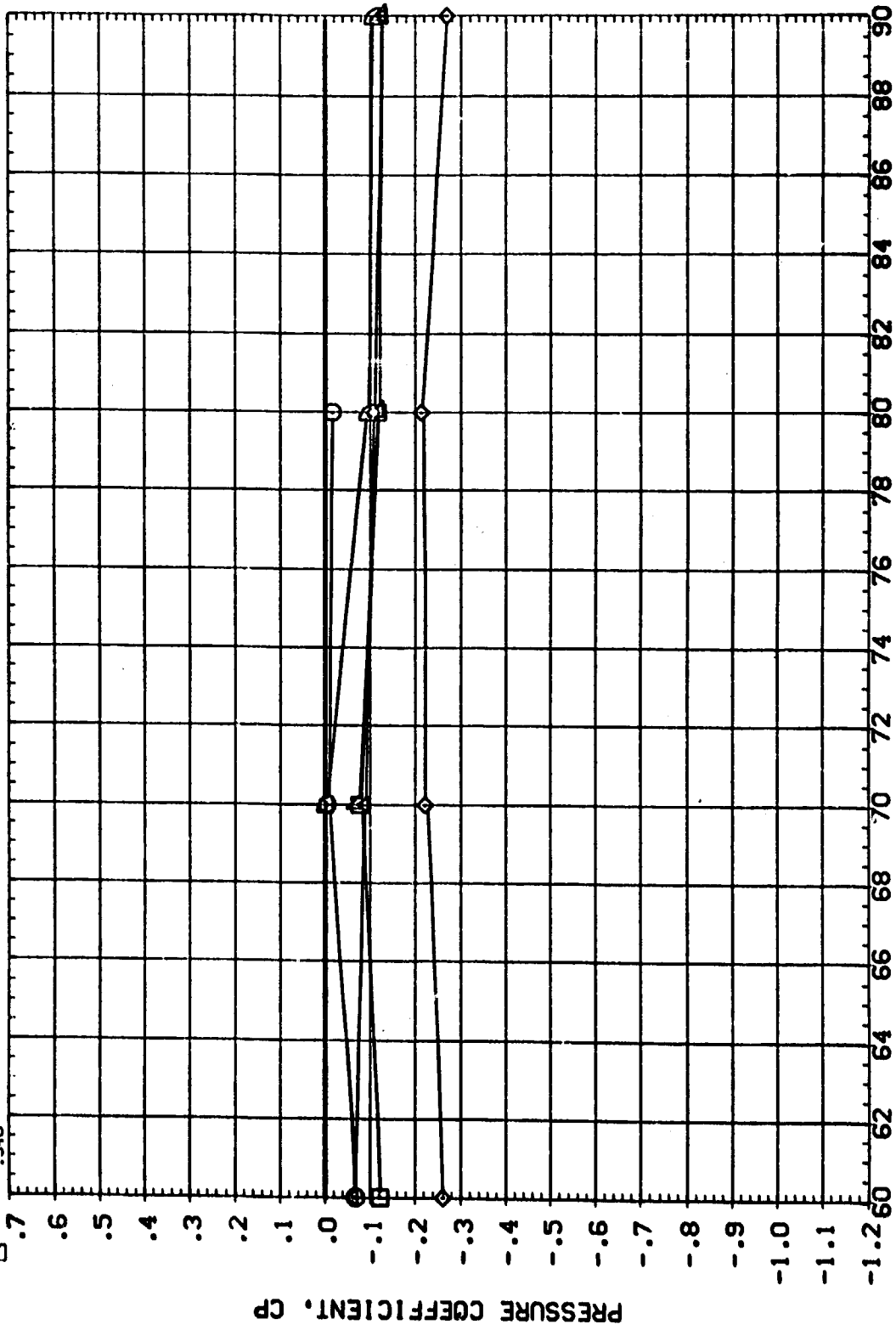
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RN/L 4.000
 ELEVTR .000
 FLDDER .000

ALPHA 2.081
 MACH .751
 X/L .087
 .126
 .164
 .862
 .900
 .940

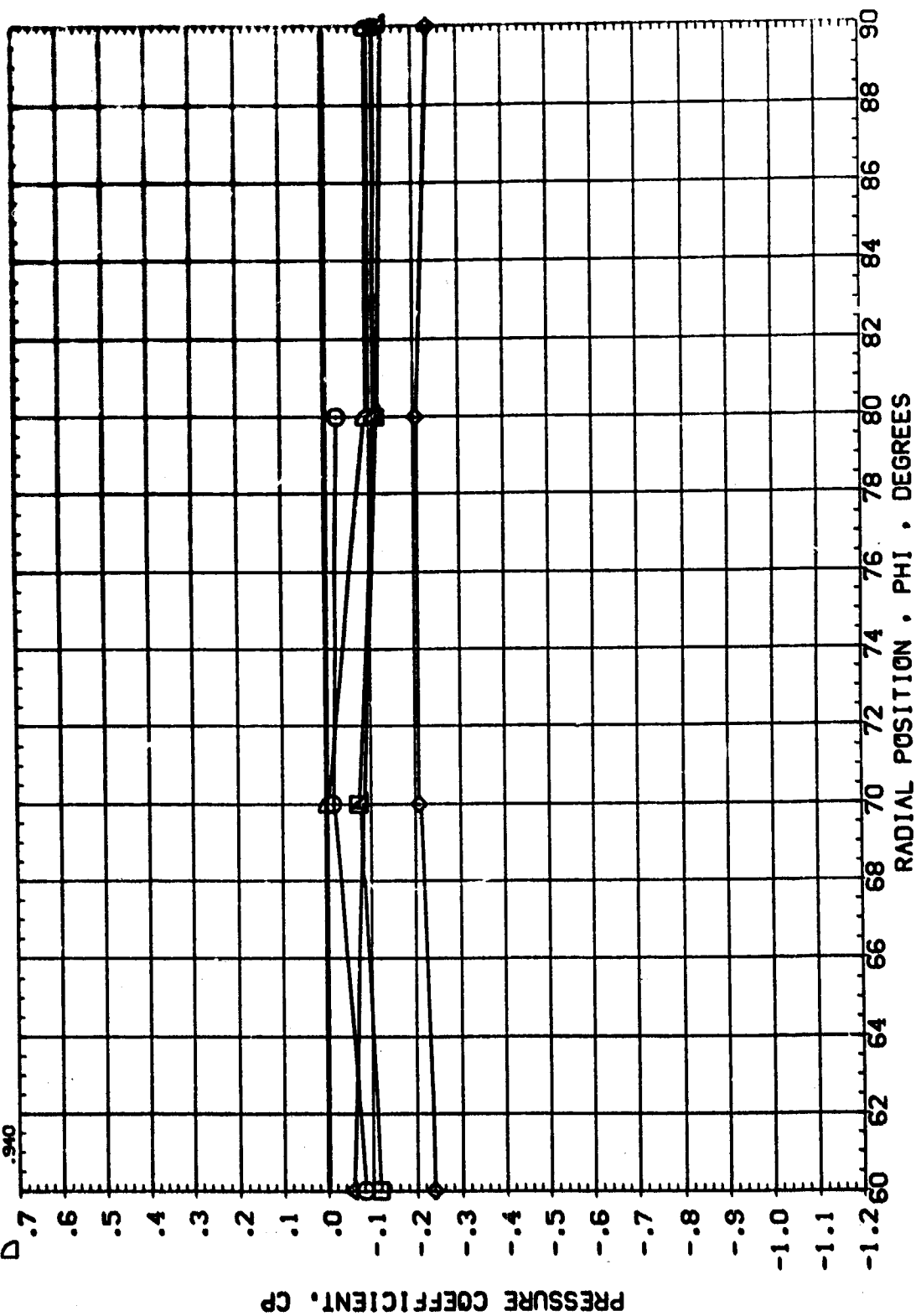
SYMBOL
 □
 □
 △
 △
 △



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

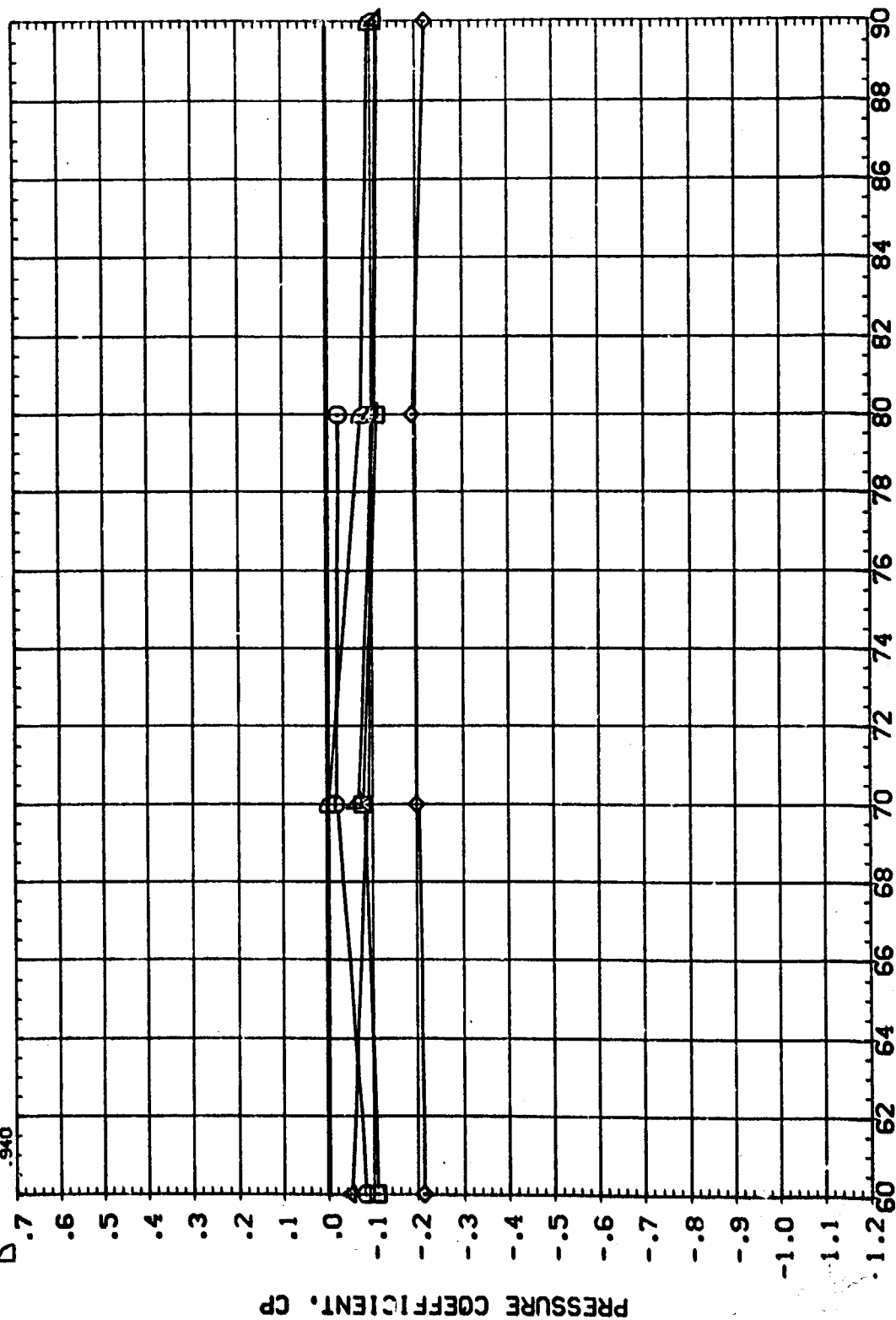
SYMBOL	X/L	ALPHA	MACH	BETA	ALPHA	REMARKS
□	.087	4.180	.752	.000	0.5778	.000
◇	.126			.000	0.5778	.000
△	.164			.000	0.5778	.000
▽	.852			.000	0.5778	.000
▽	.900			.000	0.5778	.000
▽	.940			.000	0.5778	.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RN/L	4.000		

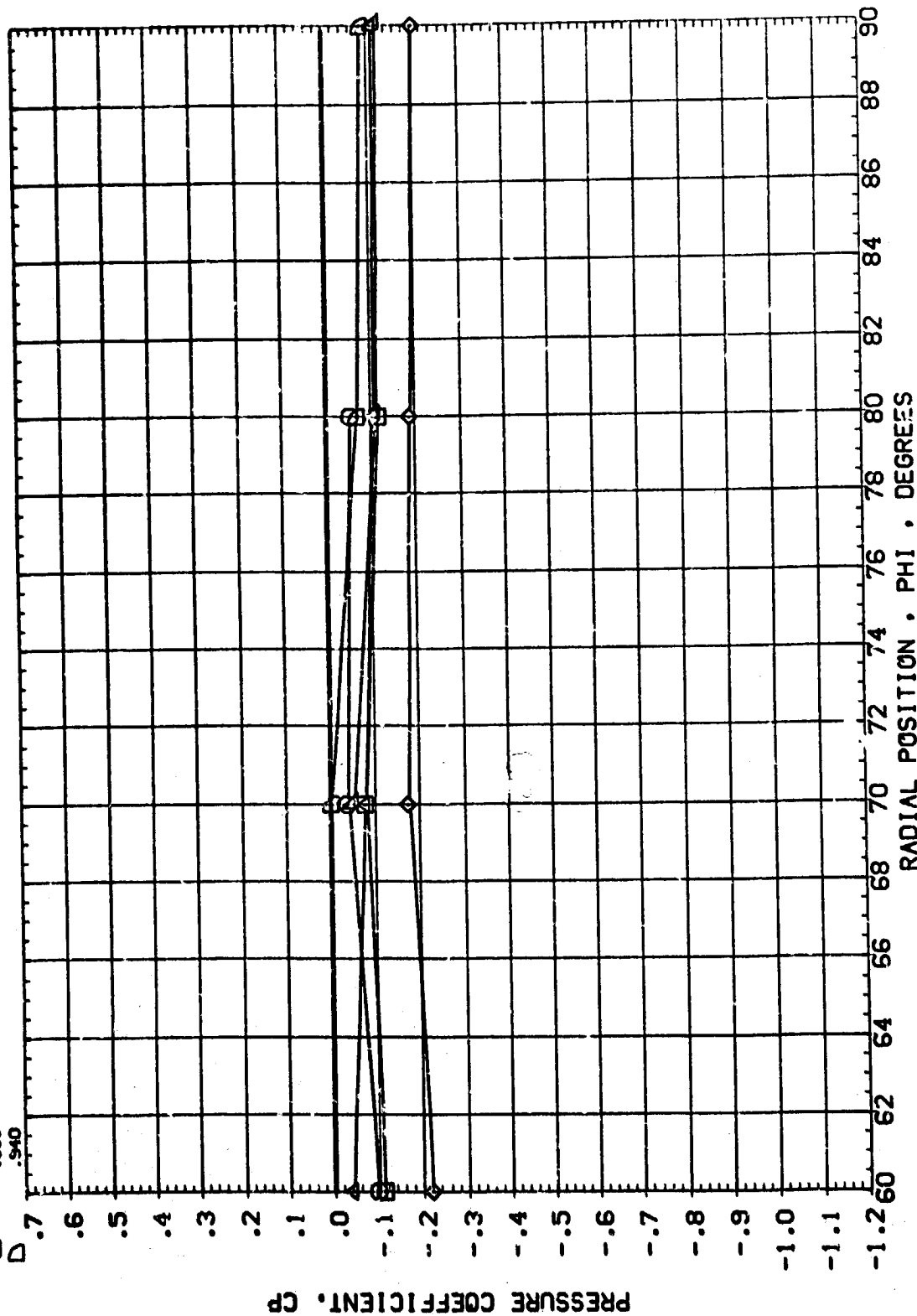


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 RV/L 4.000

SYMBOL XL ALPHA MACH
 .087
 .126
 .164
 .852
 .900
 .940



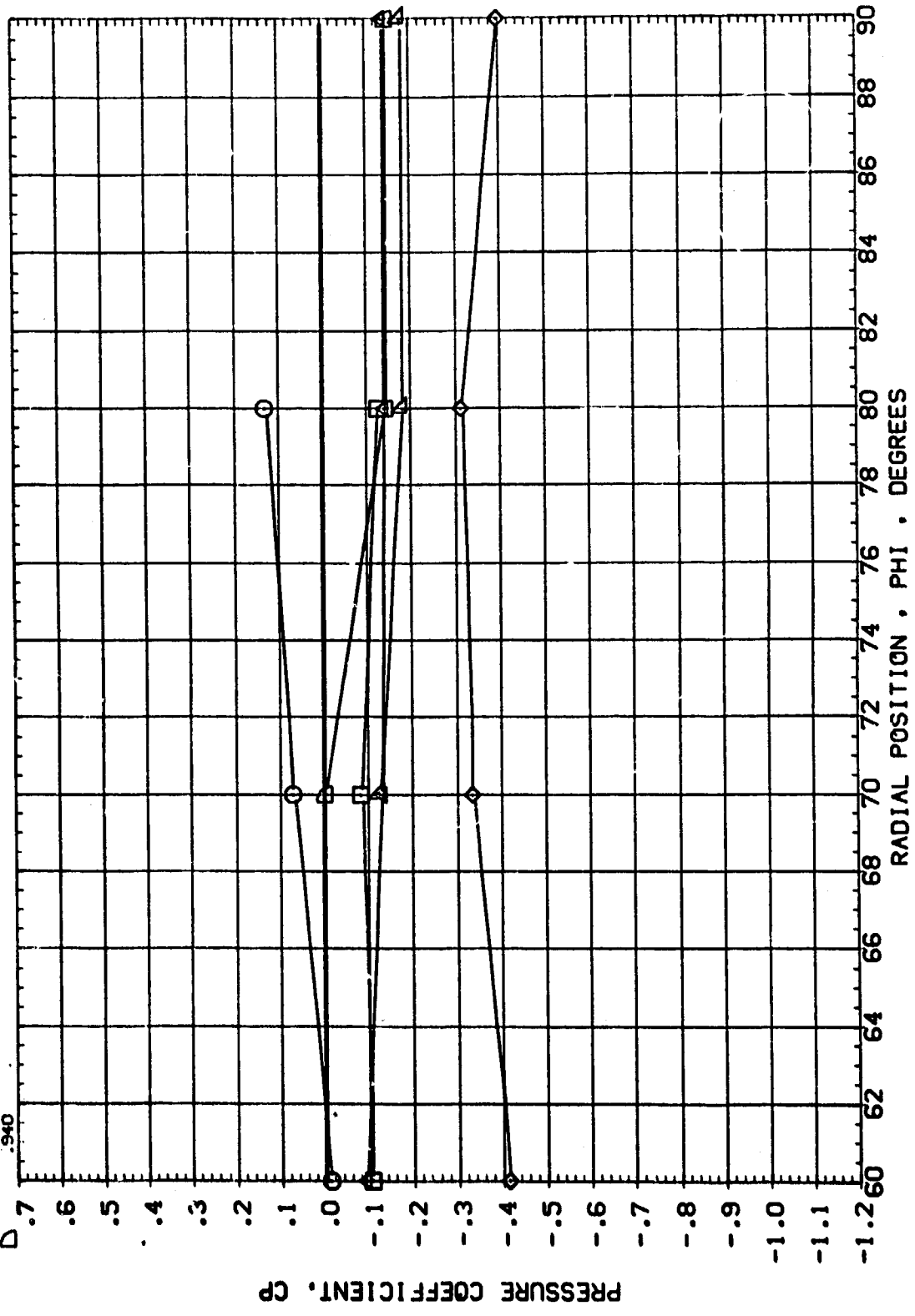
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR		
				AILRON	RUDER		
				RN/L			

.087
 .126
 .154
 .862
 .900
 .940

.000
 .000
 .000
 4.000

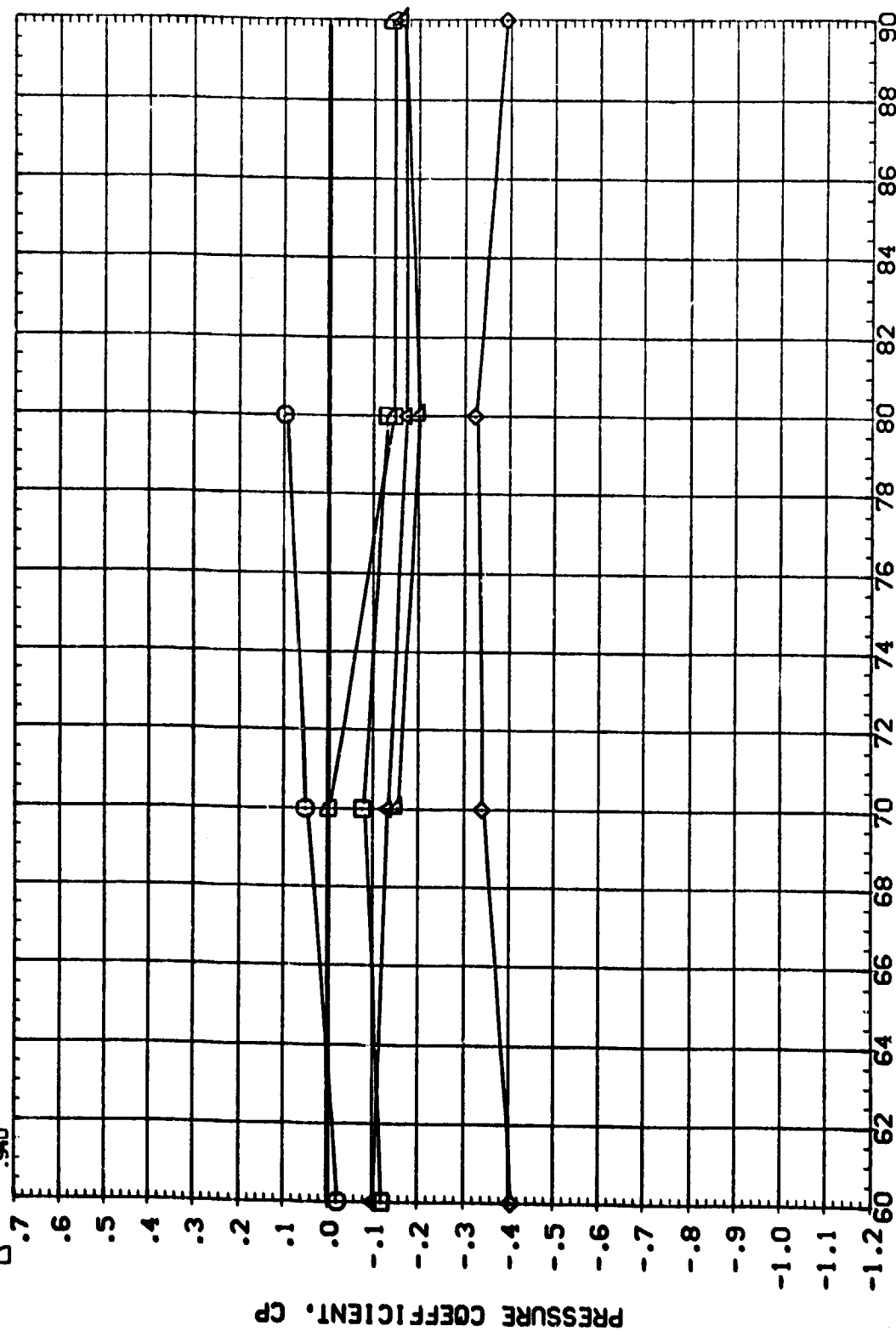


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RVVL 4.000

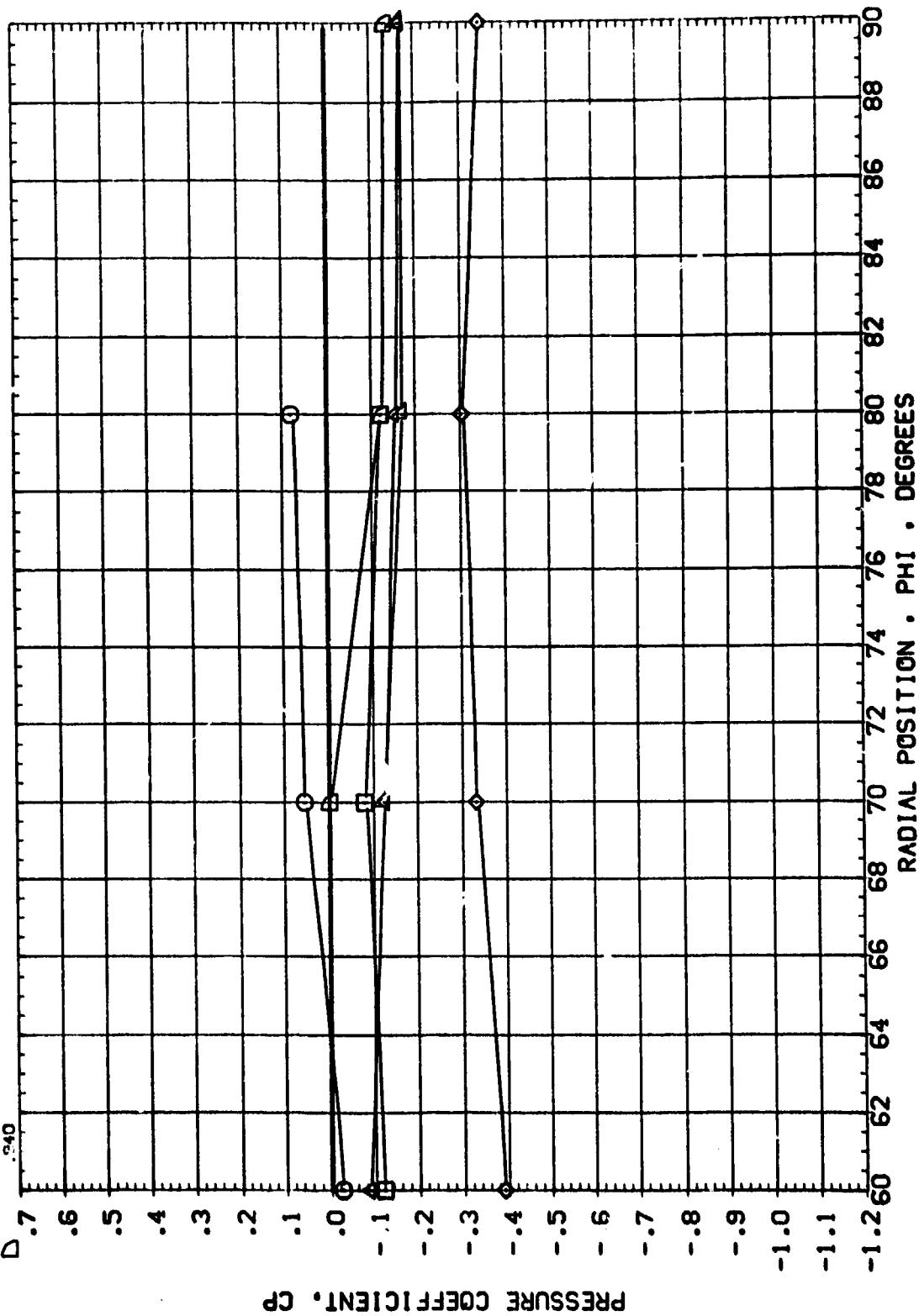
ALPHA MACH
 -6.303 .849
 X/L .087
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES	ELEVTR	RUDDER
○	.087	-4.154	.852	.000	.000	.000			
□	.126			.000	.000	4.000			
◇	.164								
△	.862								
▽	.900								
△	.940								

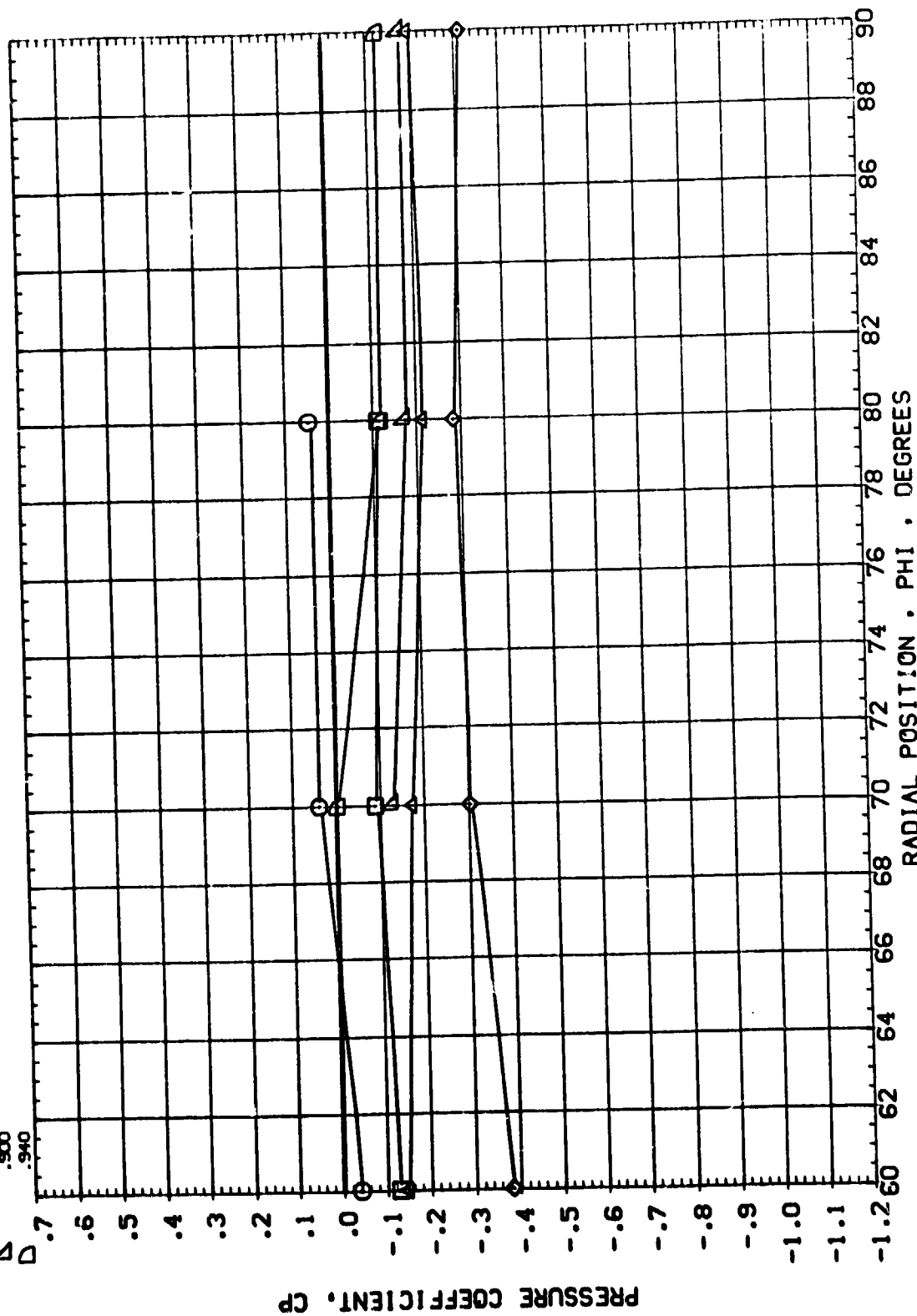


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 AILRON .000
 RN/L 4.000

SYMBOL X/L ALPHA MACH
 □ .087 -2.022
 ○ .126
 △ .164
 ▽ .862
 ◇ .900
 ◊ .940



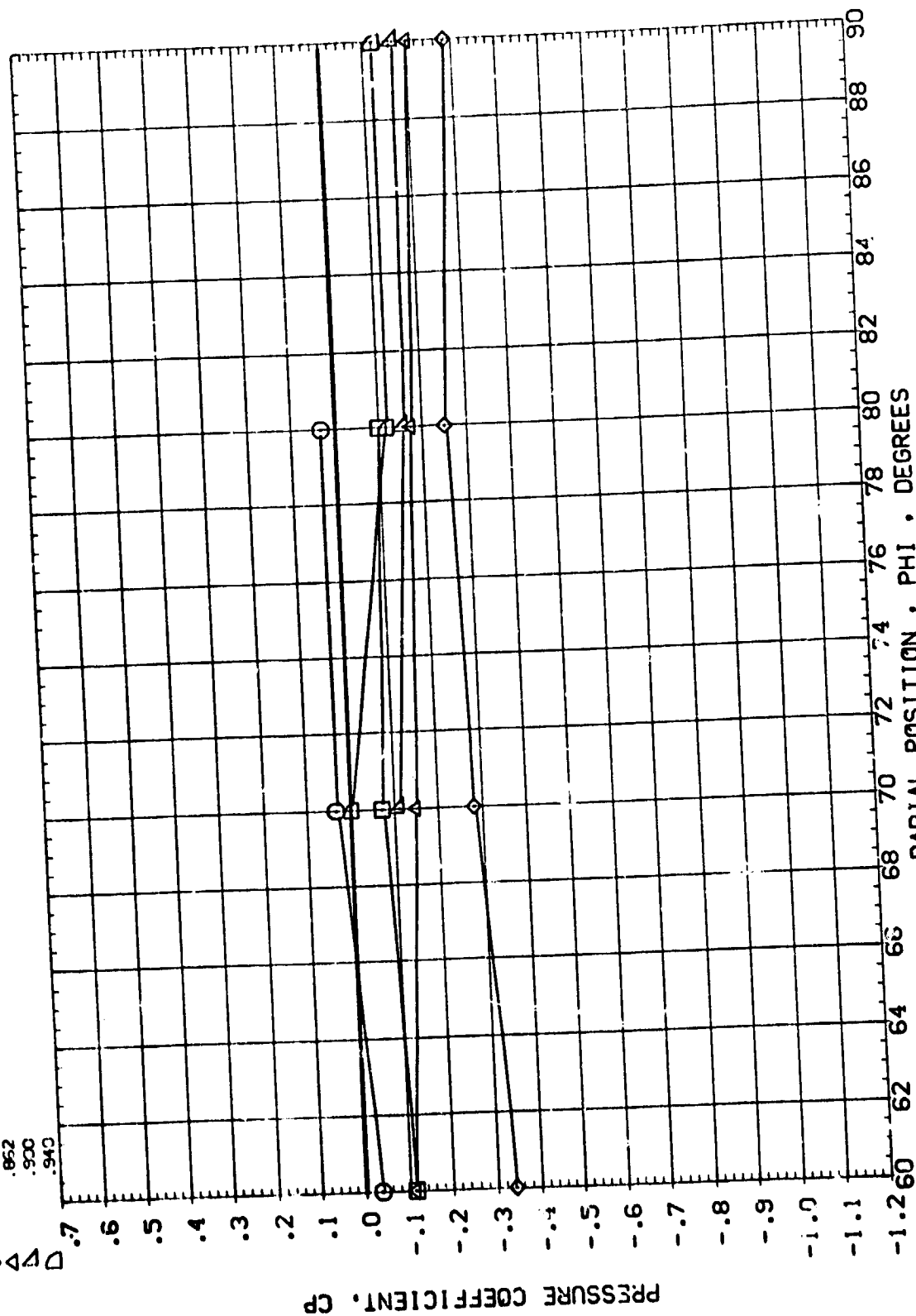
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
BETA .000
AILRON .000
RNL 4.000
ELEVTR .000
RUDDER .000

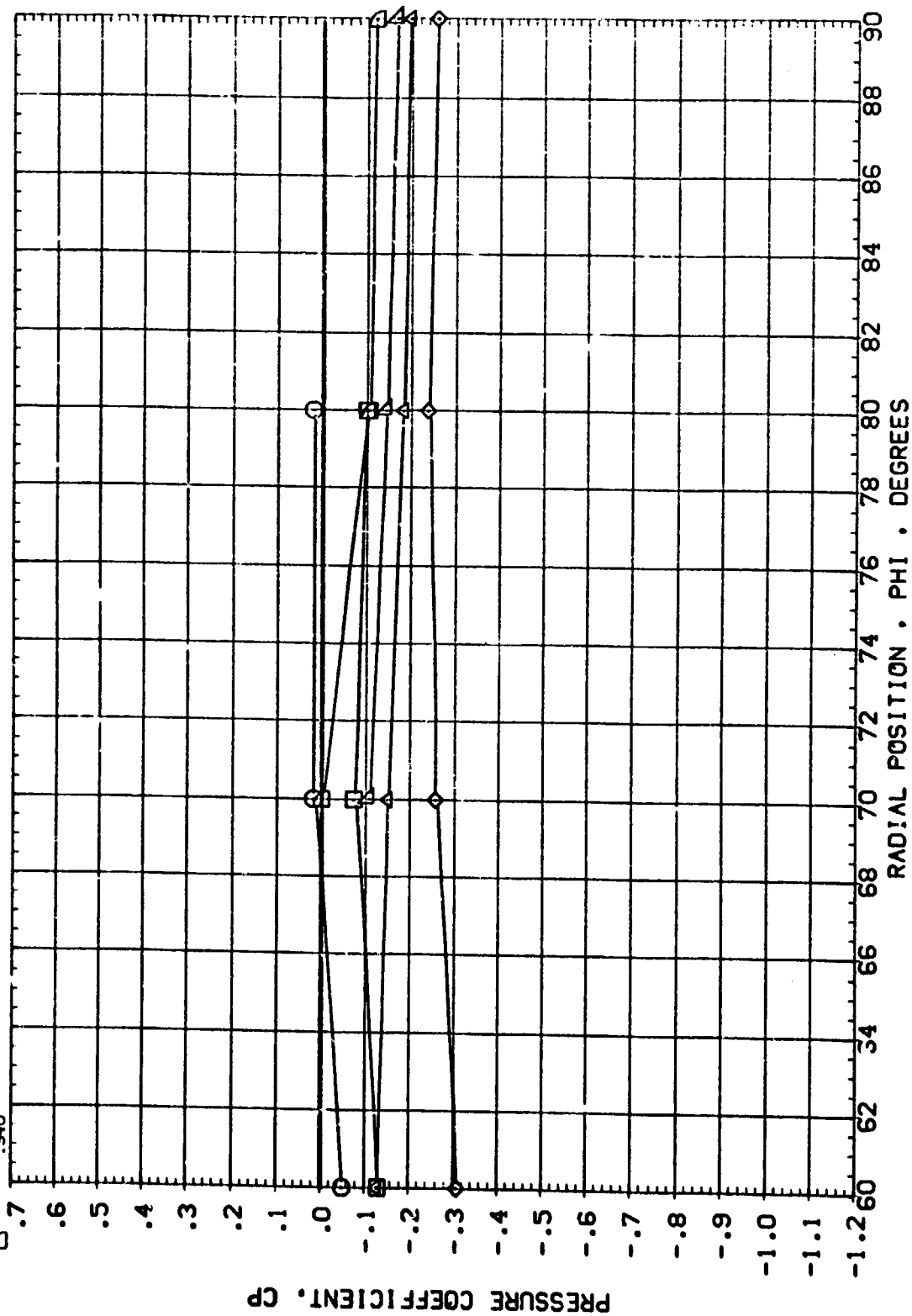
SYMBOL X/L ALPHA MACH
◇ .087
▽ .126
◇ .164
◇ .852
◇ .900
◇ .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.087	2.317	.852	AILRON	.000
□	.126			RN/L	.000
◇	.164				RUDDER
△	.862				4.000
▽	.900				
▽	.940				

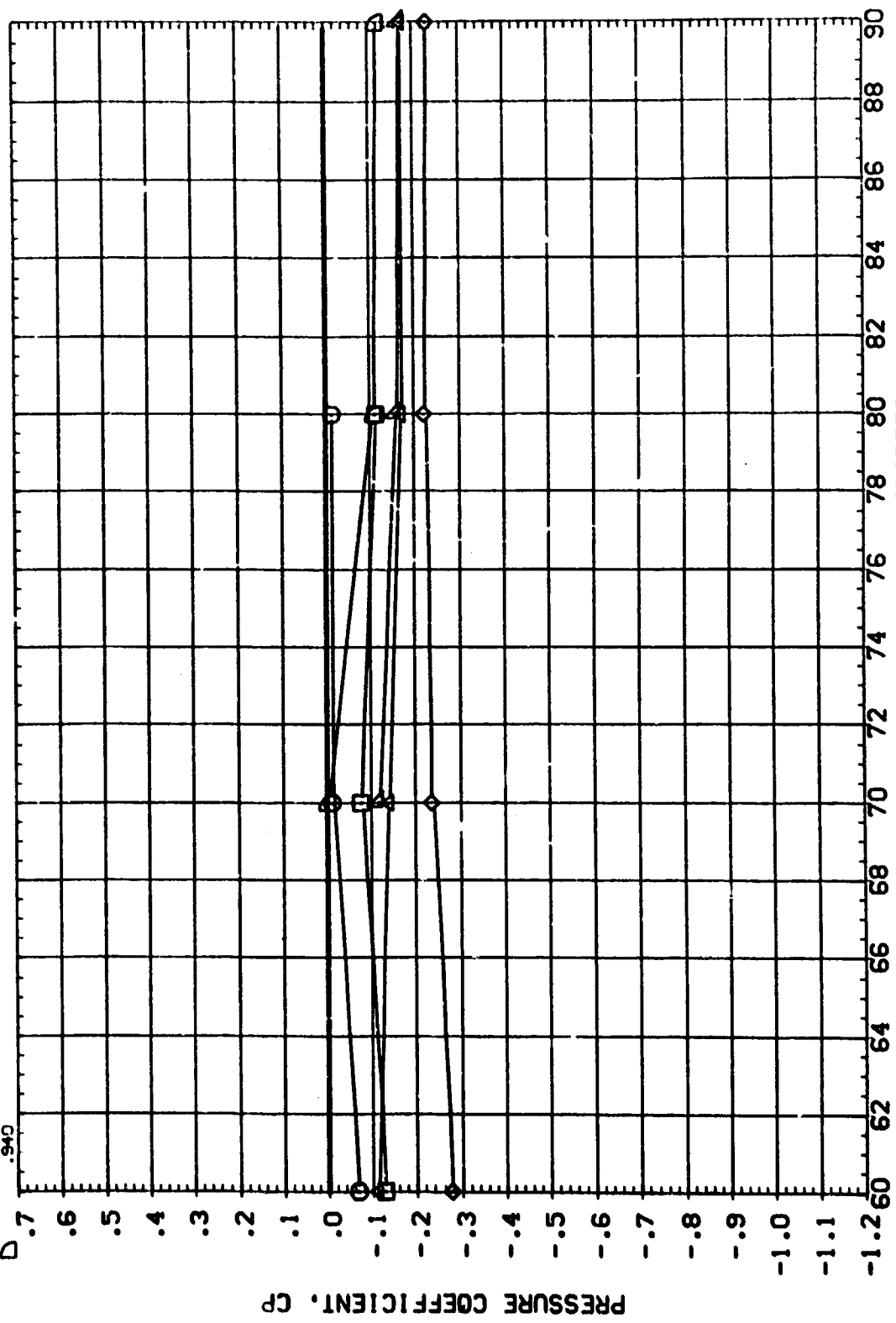


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

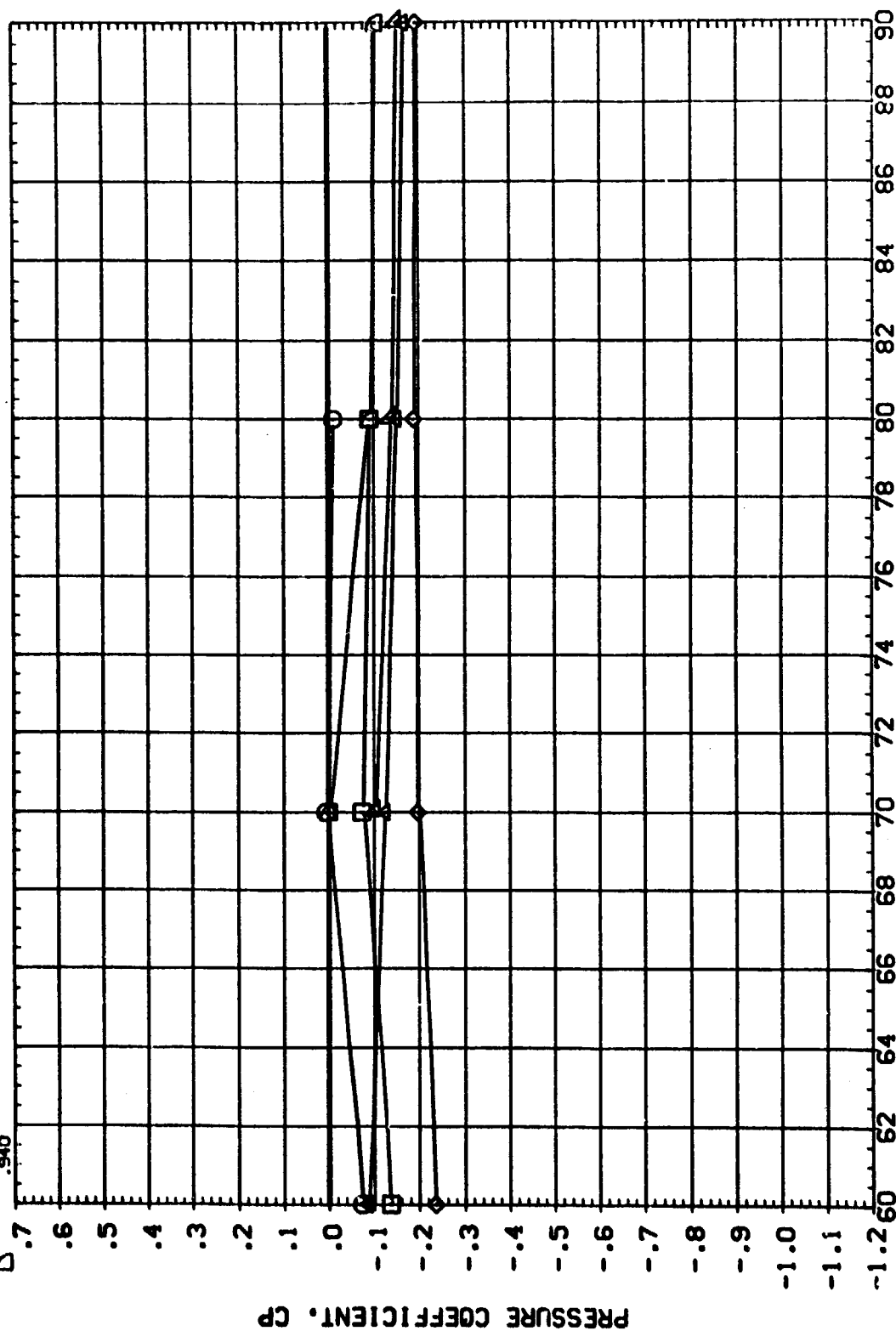
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
□	.087	4.337	.849	AILRON	.000	FLUDER	.000
◇	.126			RN/L	4.000		
△	.164						
▽	.862						
○	.900						
●	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

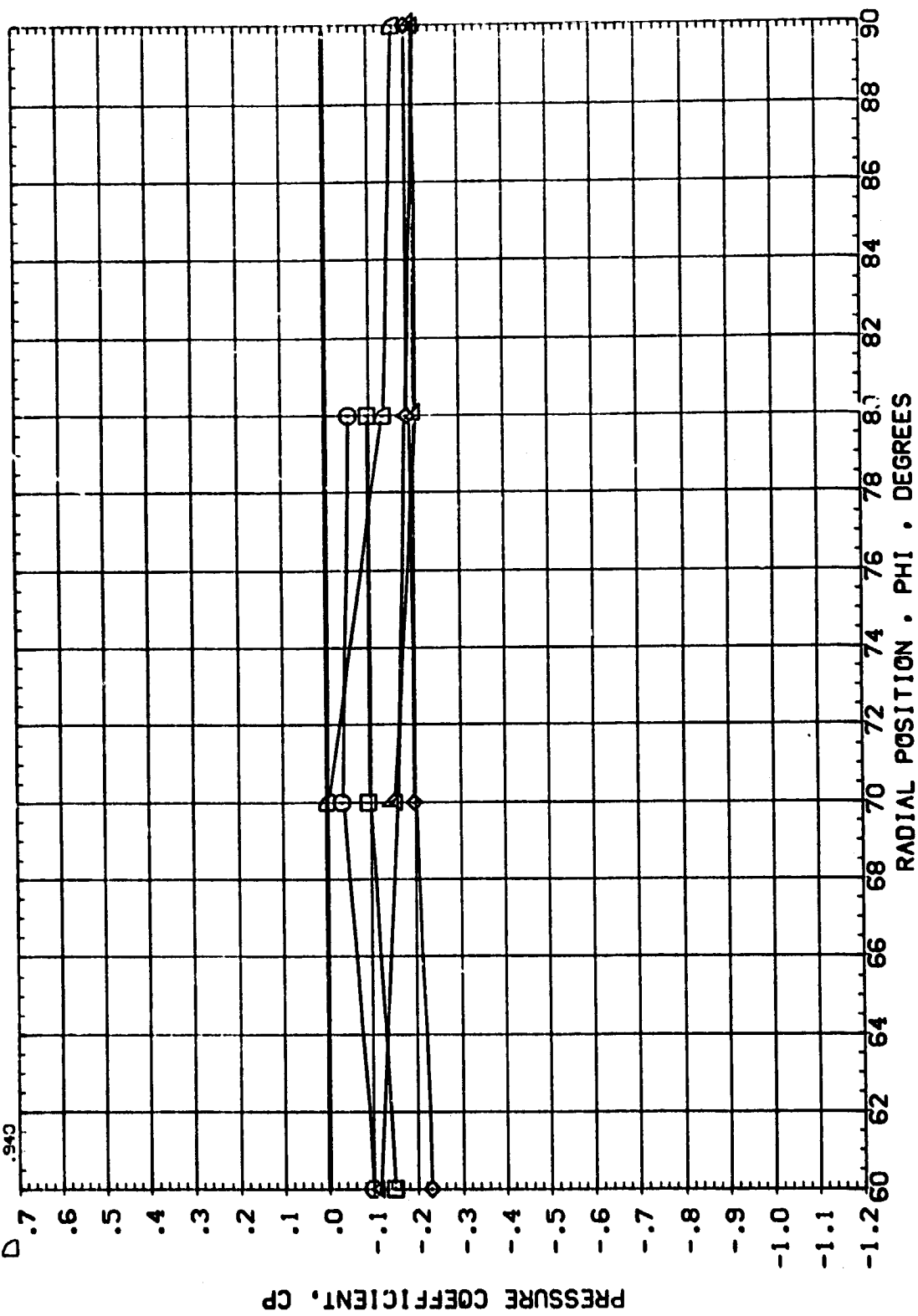
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES	
□	.087	6.533	.852	AIRLIFT	.000	ELEVTR
◇	.126			R/L	.000	R/DER
△	.164				4.000	
▽	.862					
△	.900					
▽	.940					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

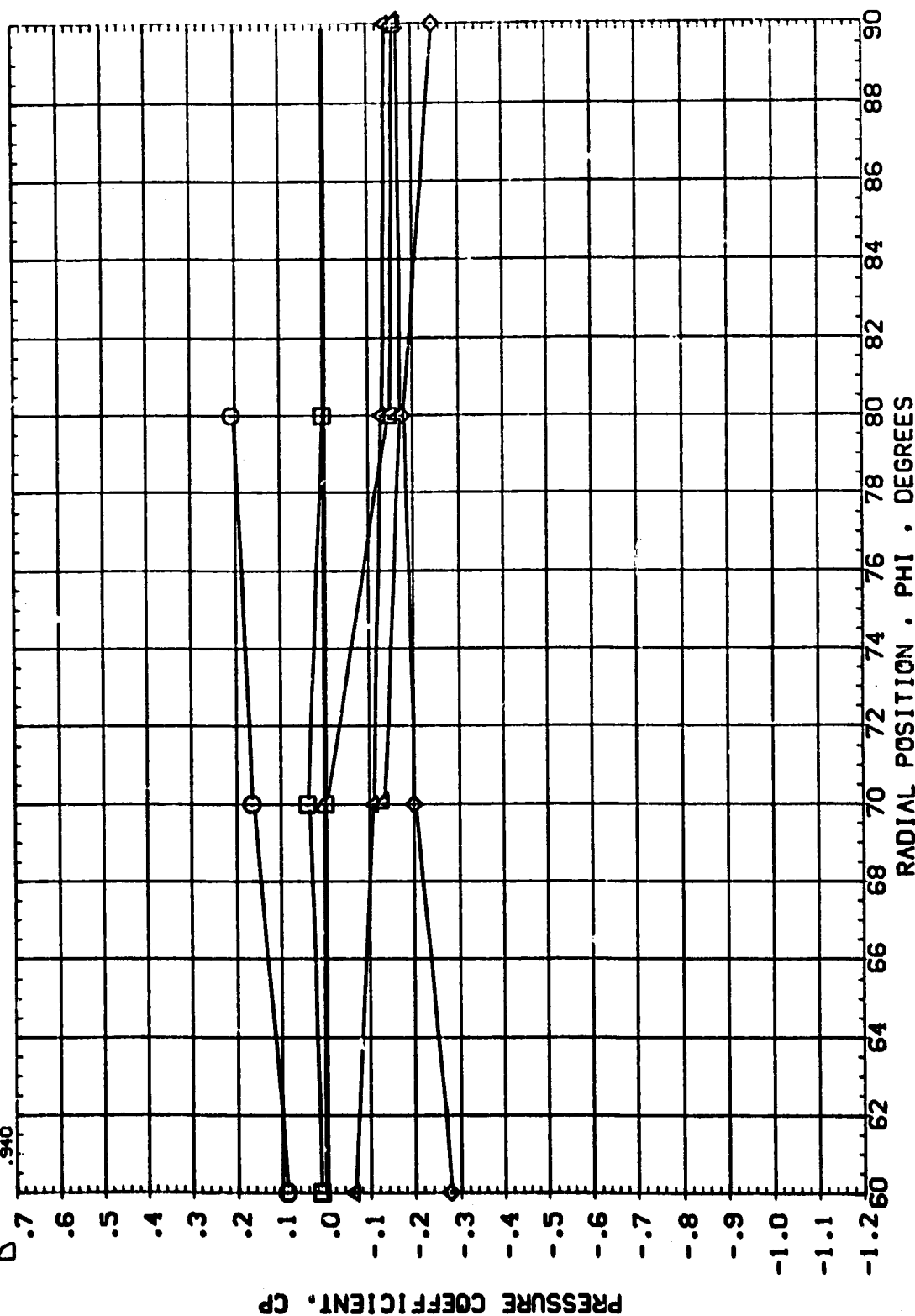
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	RUDDER
◇	.087	8.635	.851	.000	.000	.000
△	.126			.000		
□	.164			.000		
○	.162			4.000		
◇	.900					
◇	.940					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	-8.346	.950	ALLRON	.000
◇	.126			RN/L	.000
△	.164				4.000
▽	.862				
▽	.900				
▽	.940				

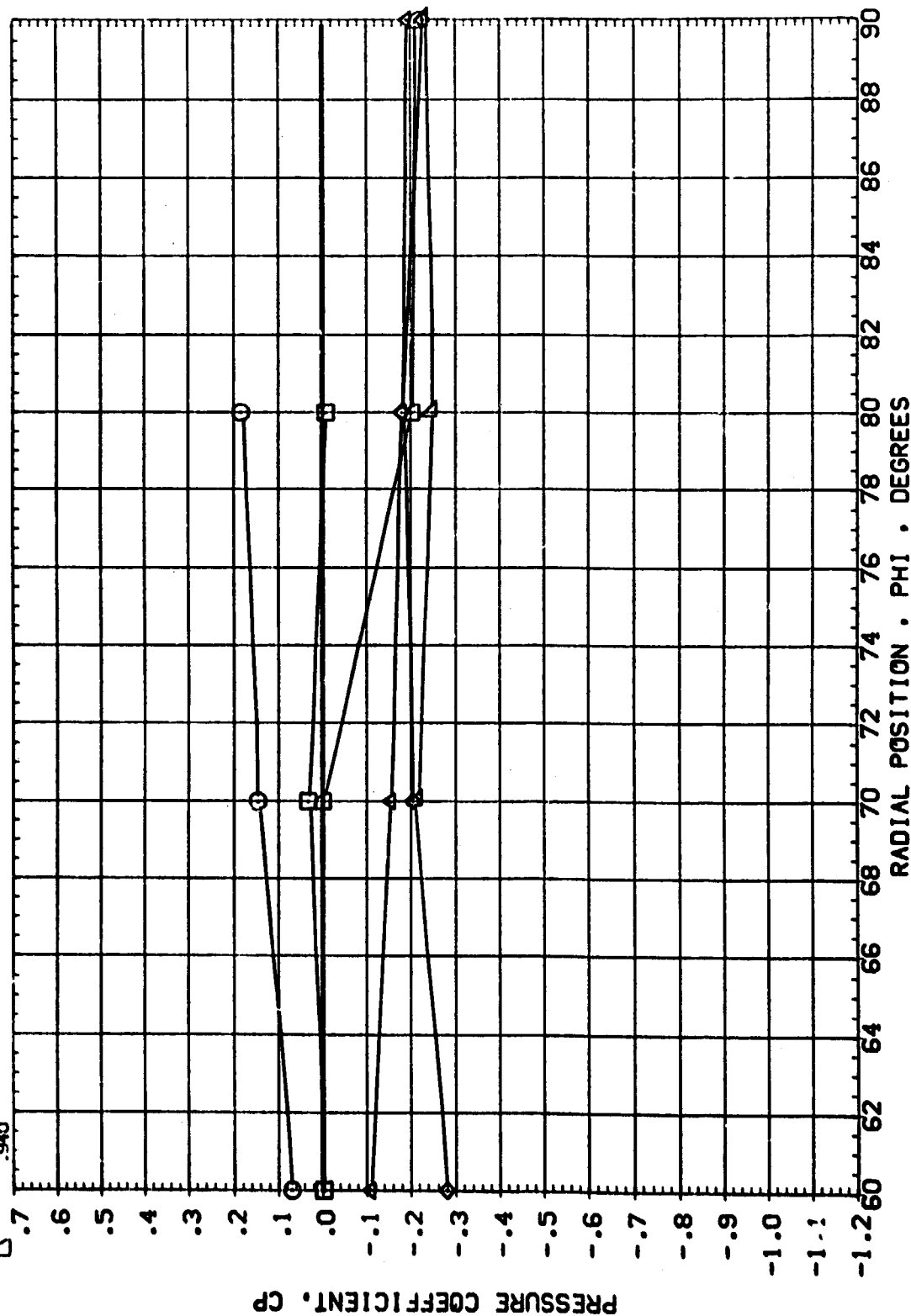


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILTRON .000
 RUDDER .000
 RV/L 4.000

SYMBOL XL ALPHA MACH
 .087
 .126
 .164
 .862
 .900
 .940

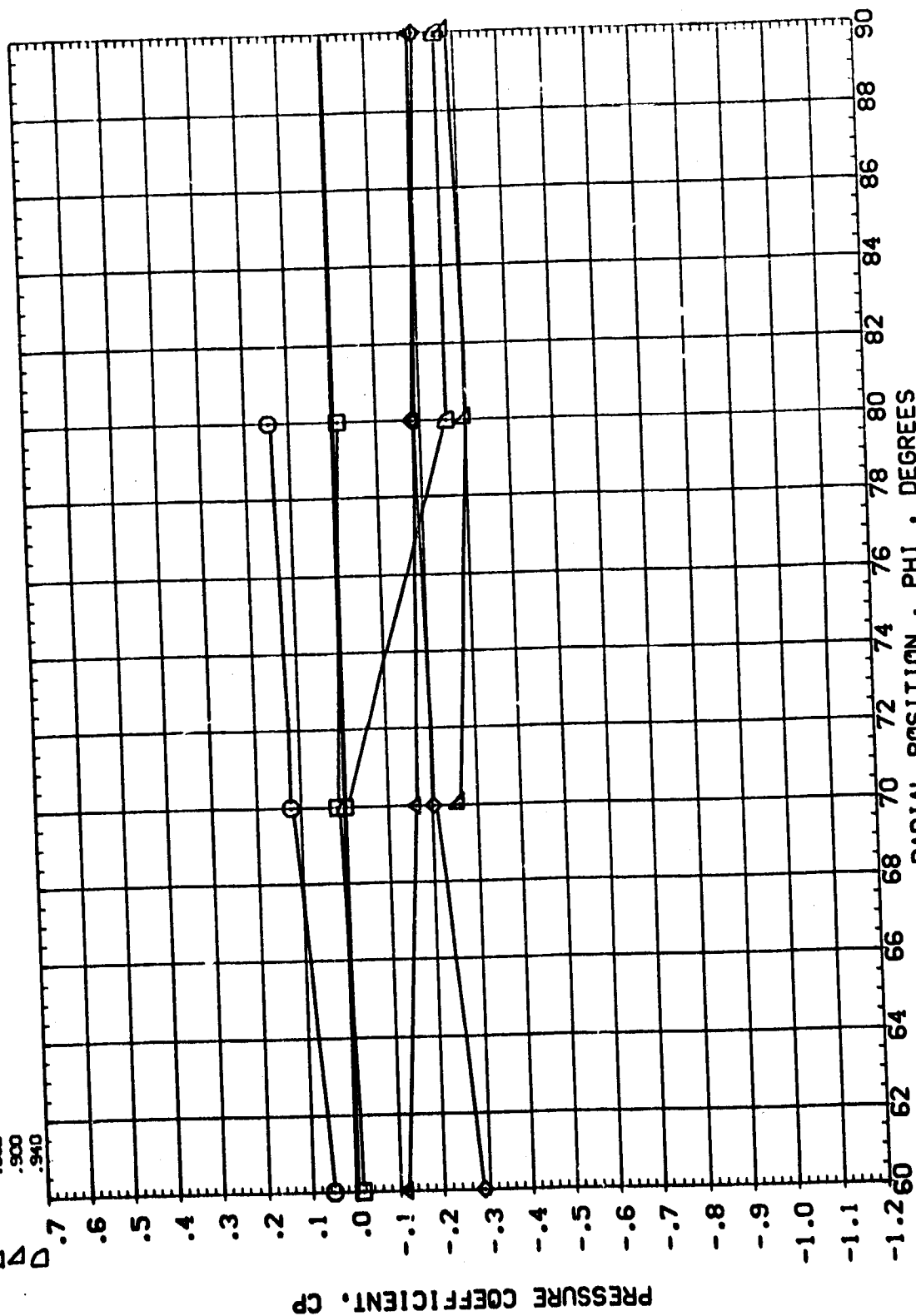


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL X/L ALPHA MACH
 .087
 .126
 .164
 .862
 .900
 .940

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.000

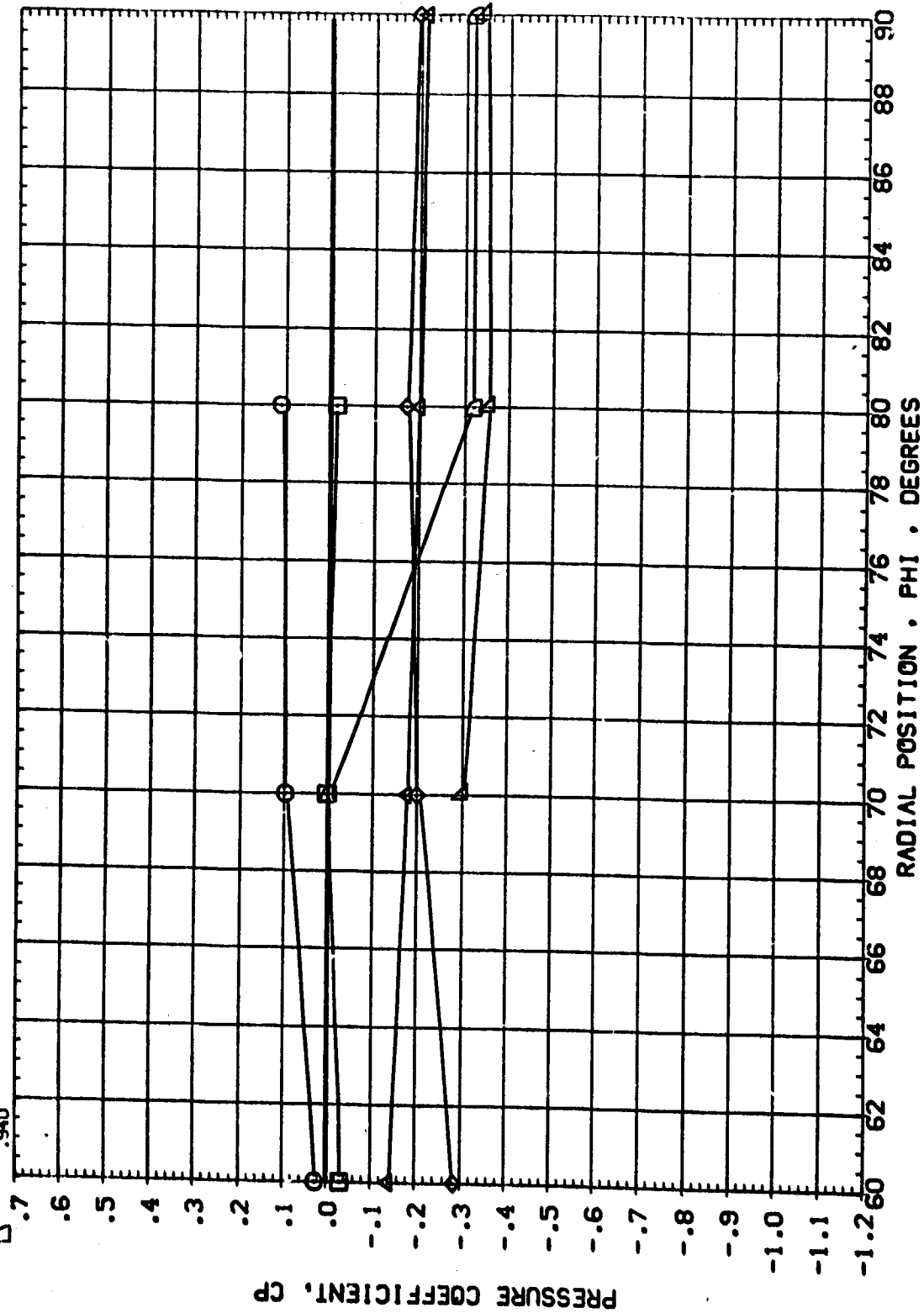


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

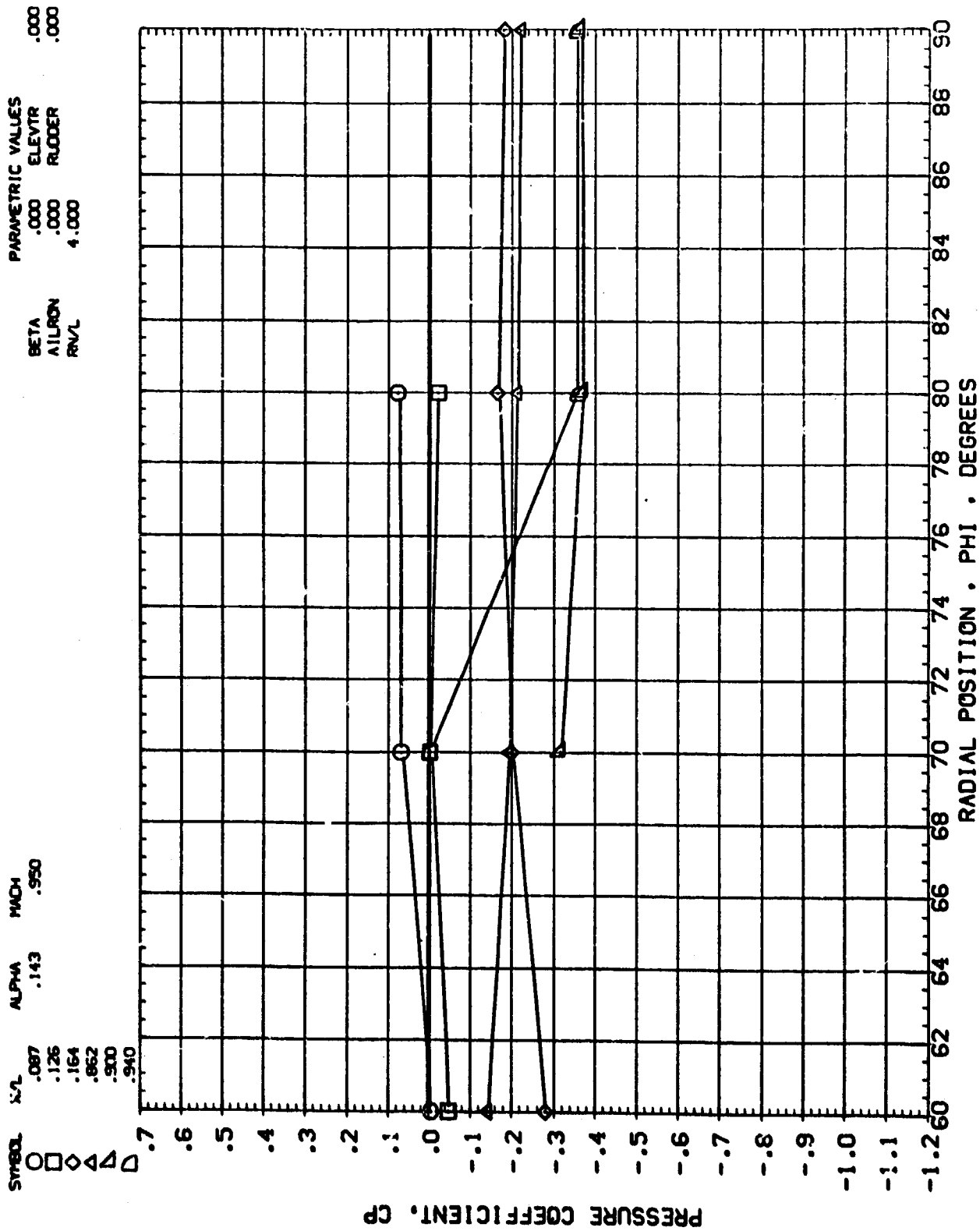
PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RV/L 4.000

SYMBOL X/L ALPHA MACH
 □ .087 -1.966
 ○ .126 .951
 △ .164
 ◇ .862
 ▽ .900
 ▽ .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

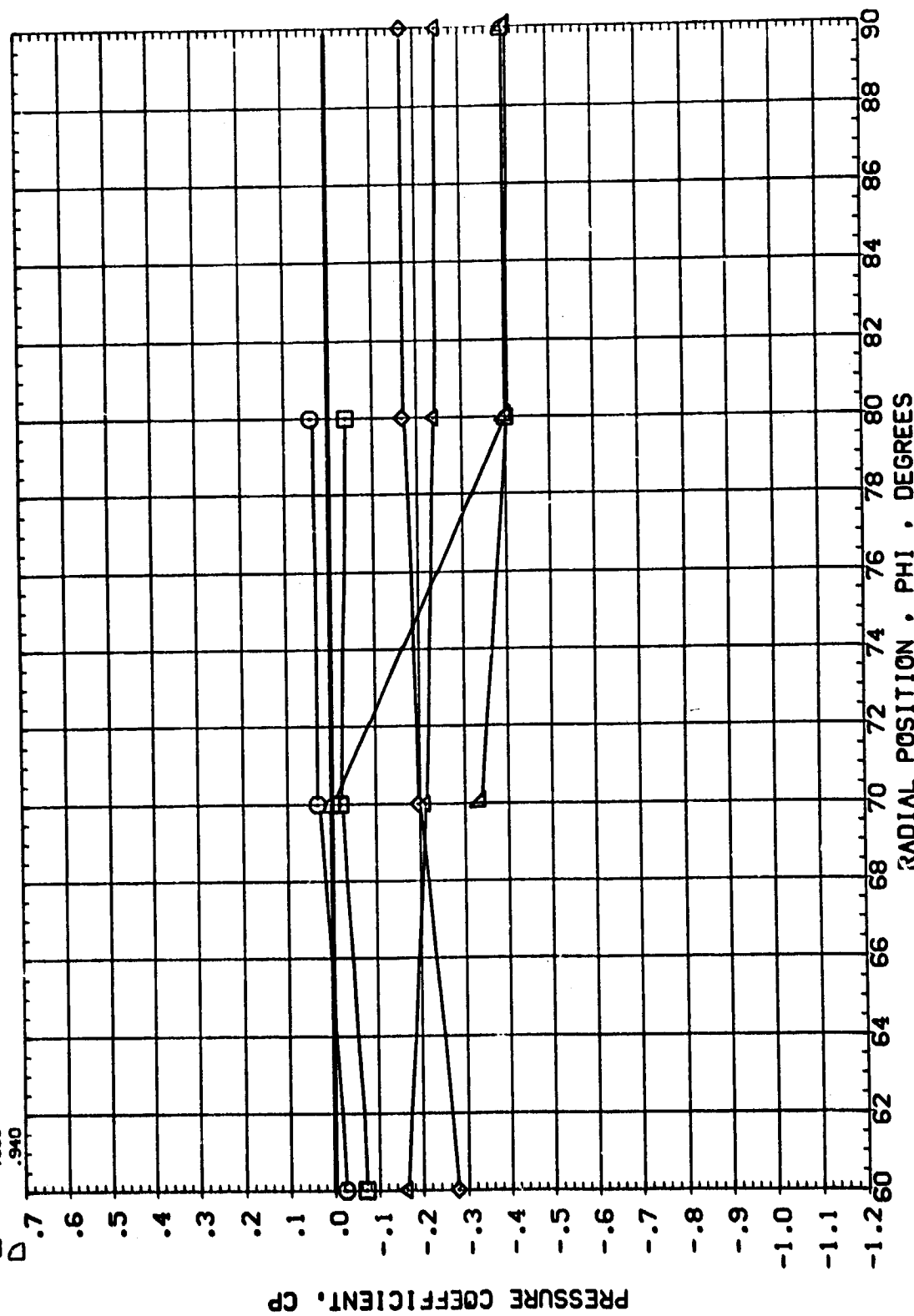
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

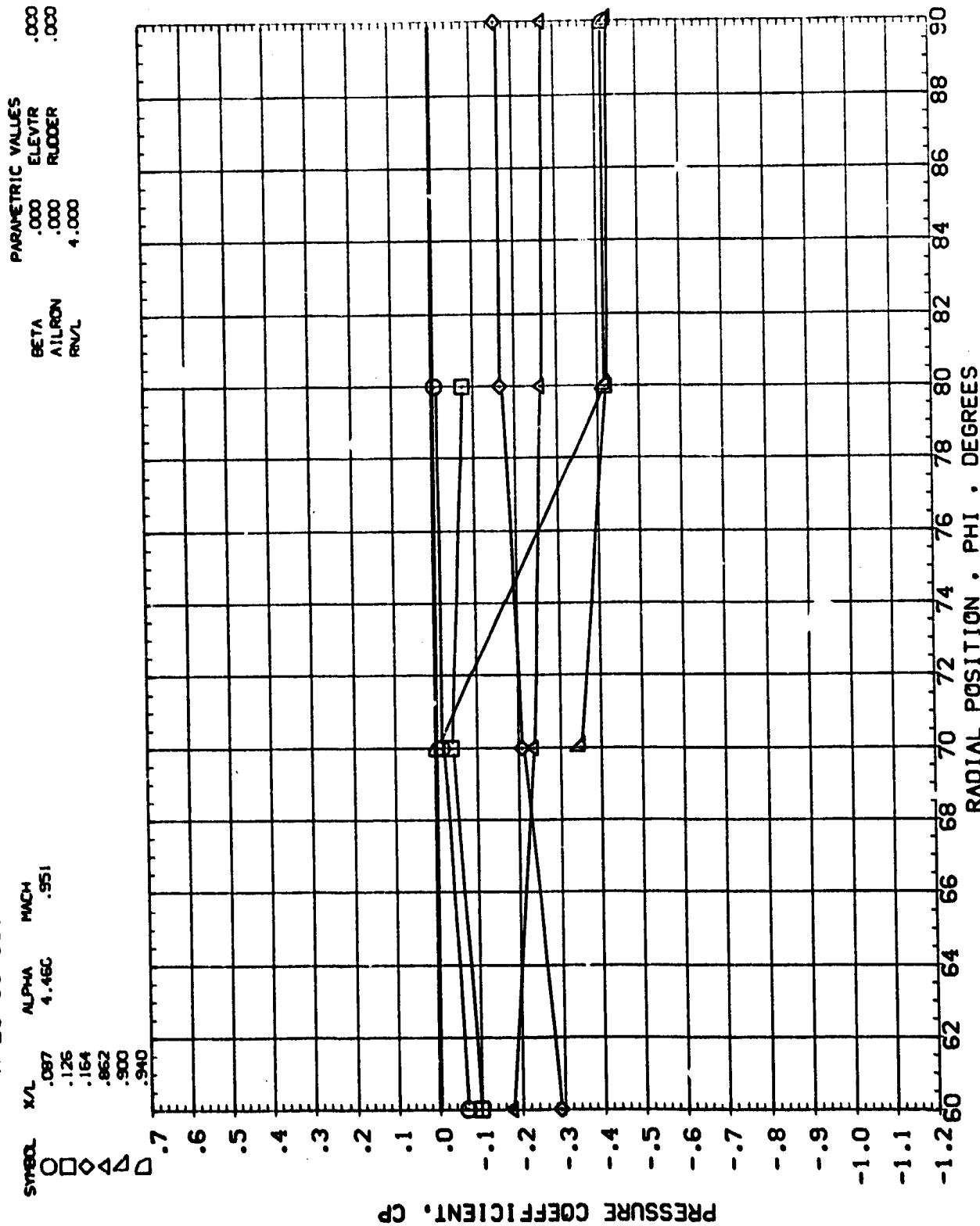
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	.000
				AIRLON	.000		
				RN/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)



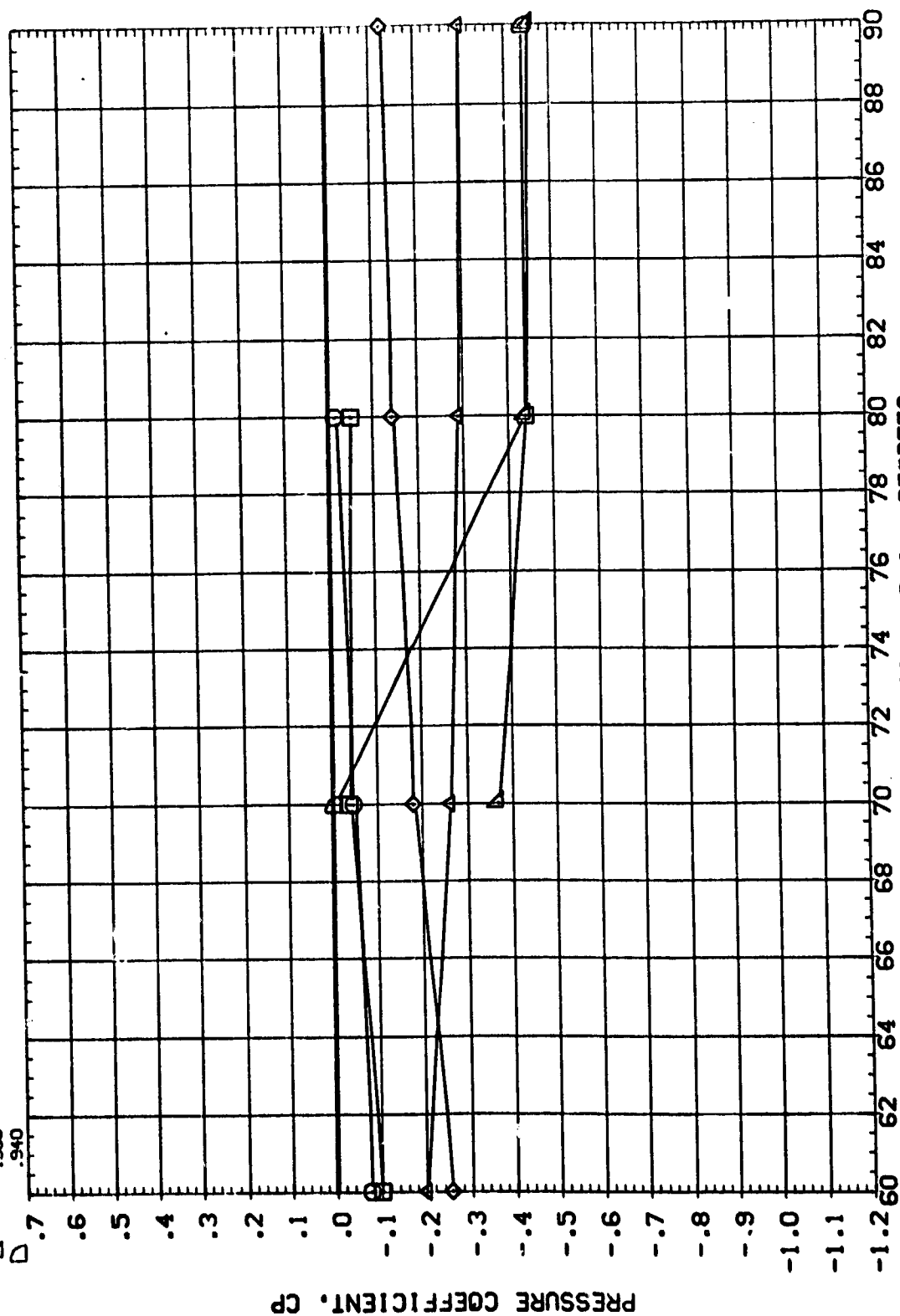
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RN/L 4.000

ALPHA MACH
 6.637 .952

SYMBOL X/L
 .087
 .126
 .164
 .862
 .900
 .940

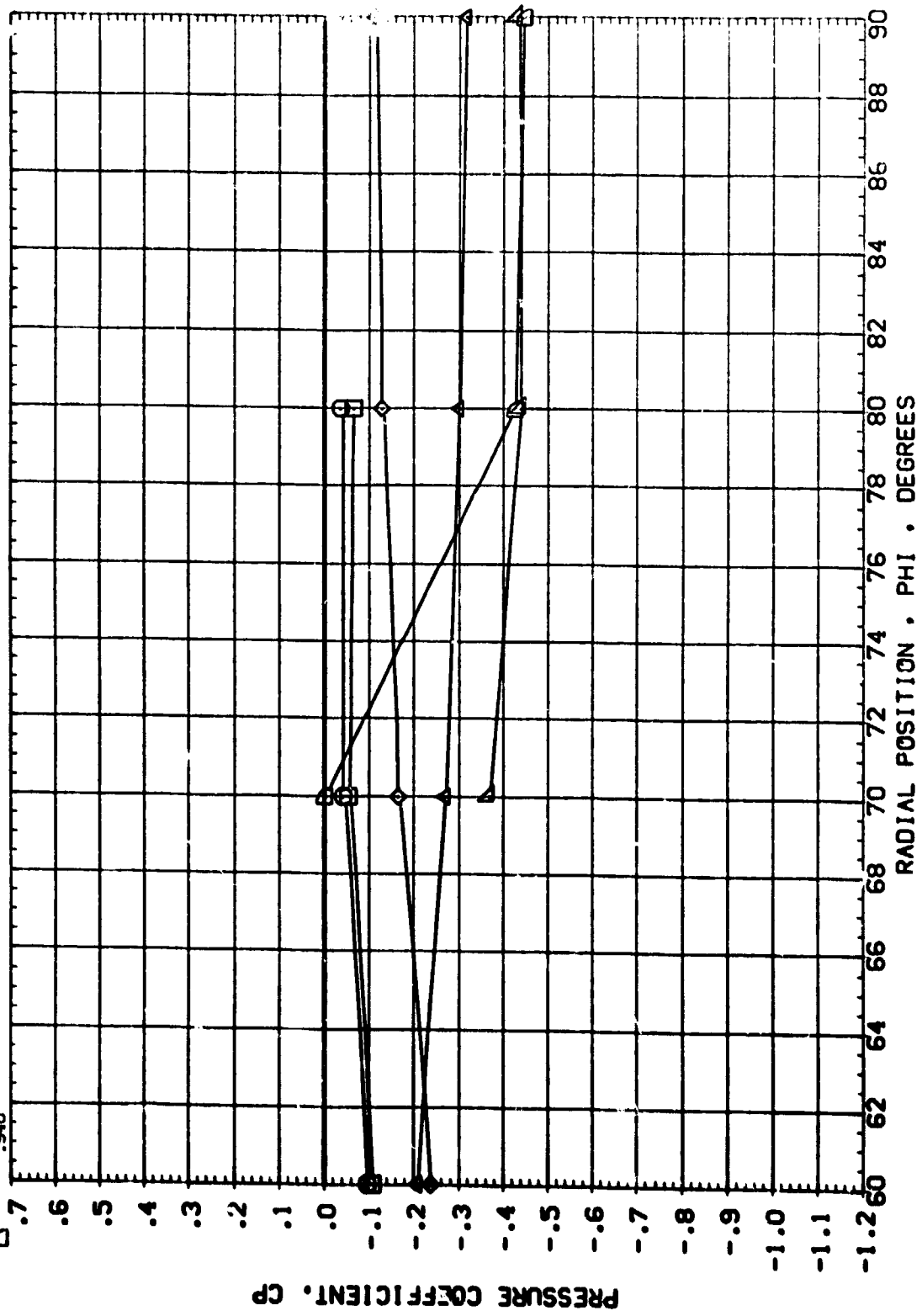


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILERON .000
 RUDDER 4.000
 .000
 .000

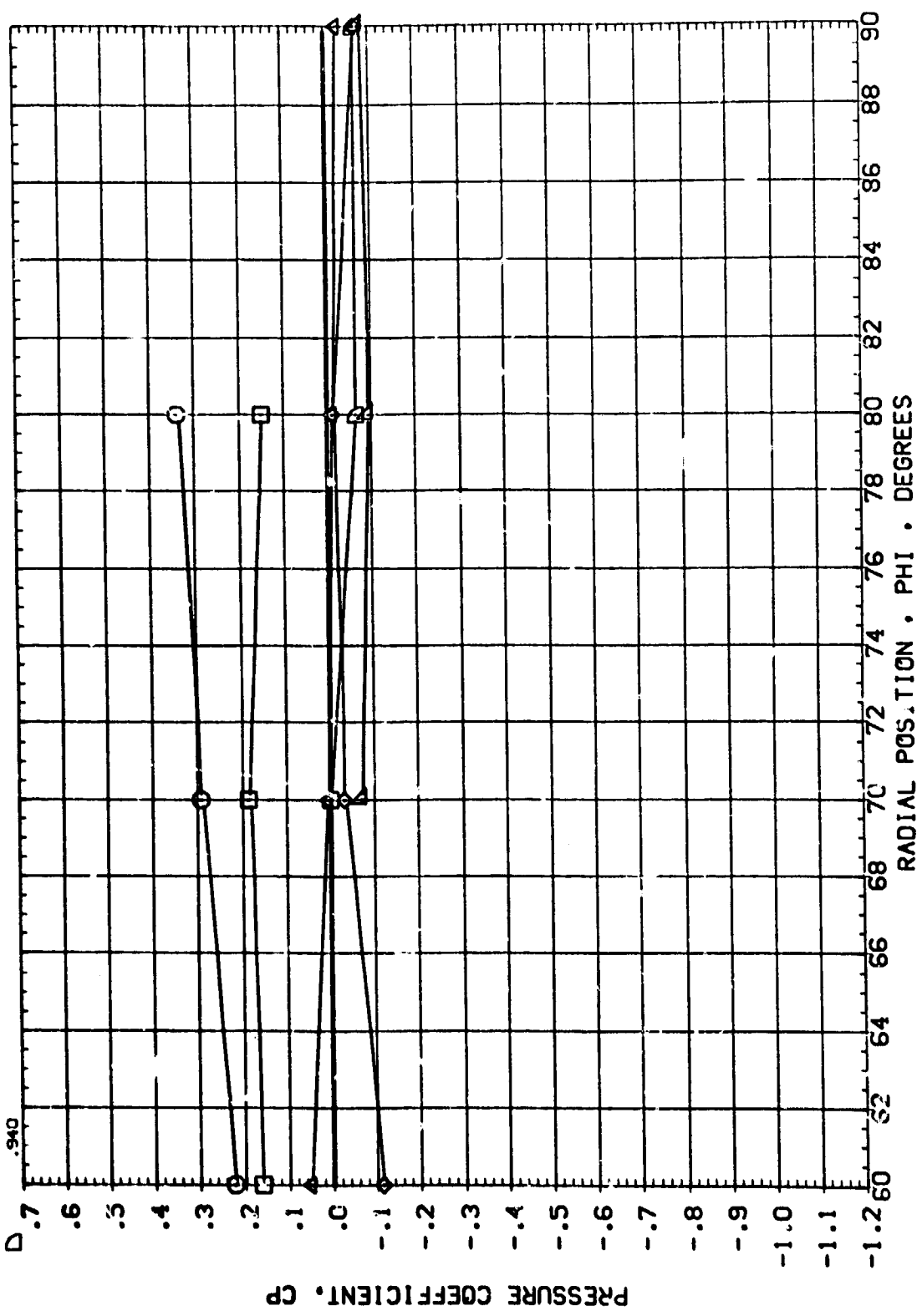
ALPHA 8.743
 MACH .949
 X/L .087
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

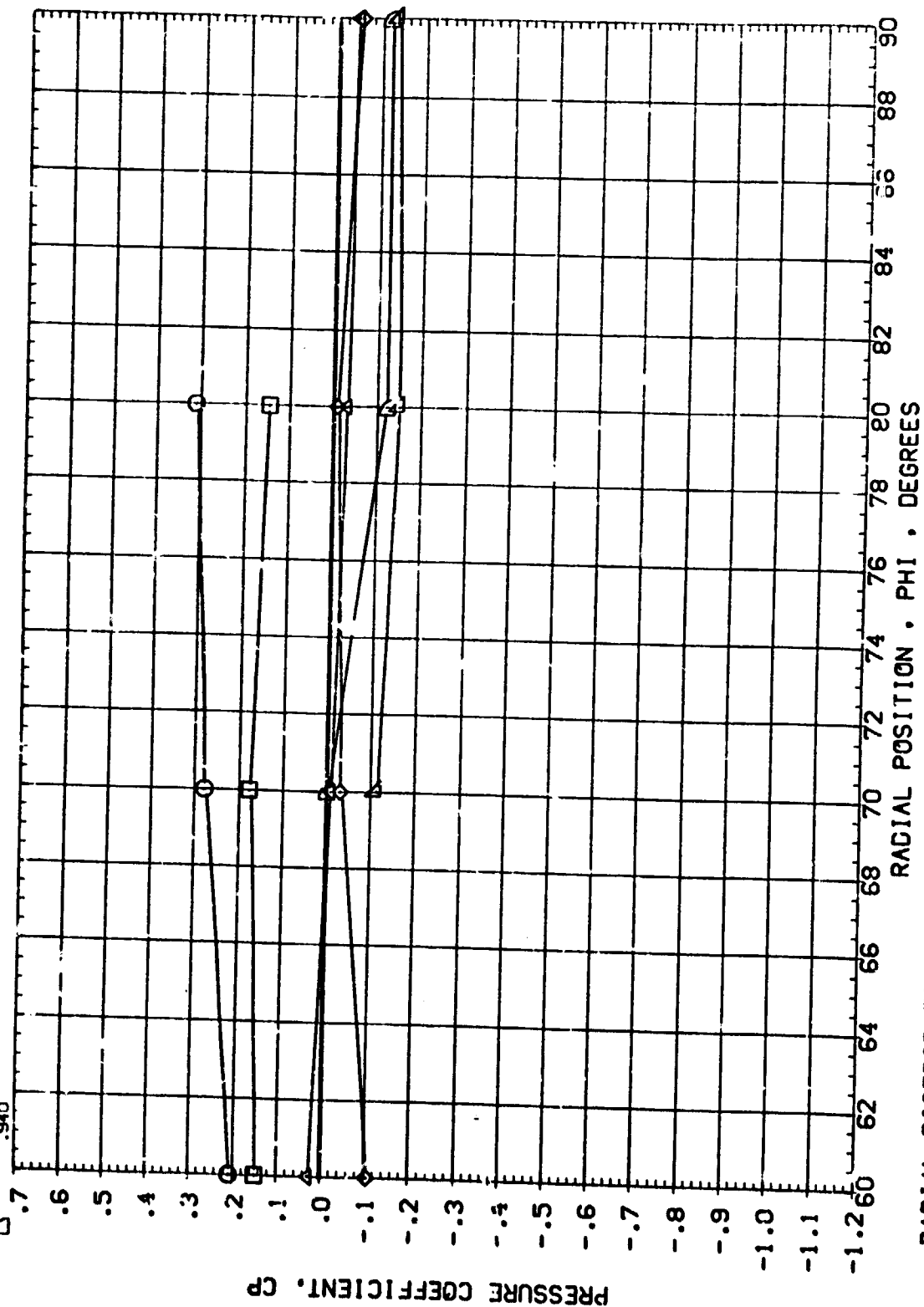
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.087	-8.328	1.051	AIRLON	.000 ELEVTR
◇	.126			RN/L	.000 RUDDER
□	.164				4.000
▽	.862				
▽	.900				
▽	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

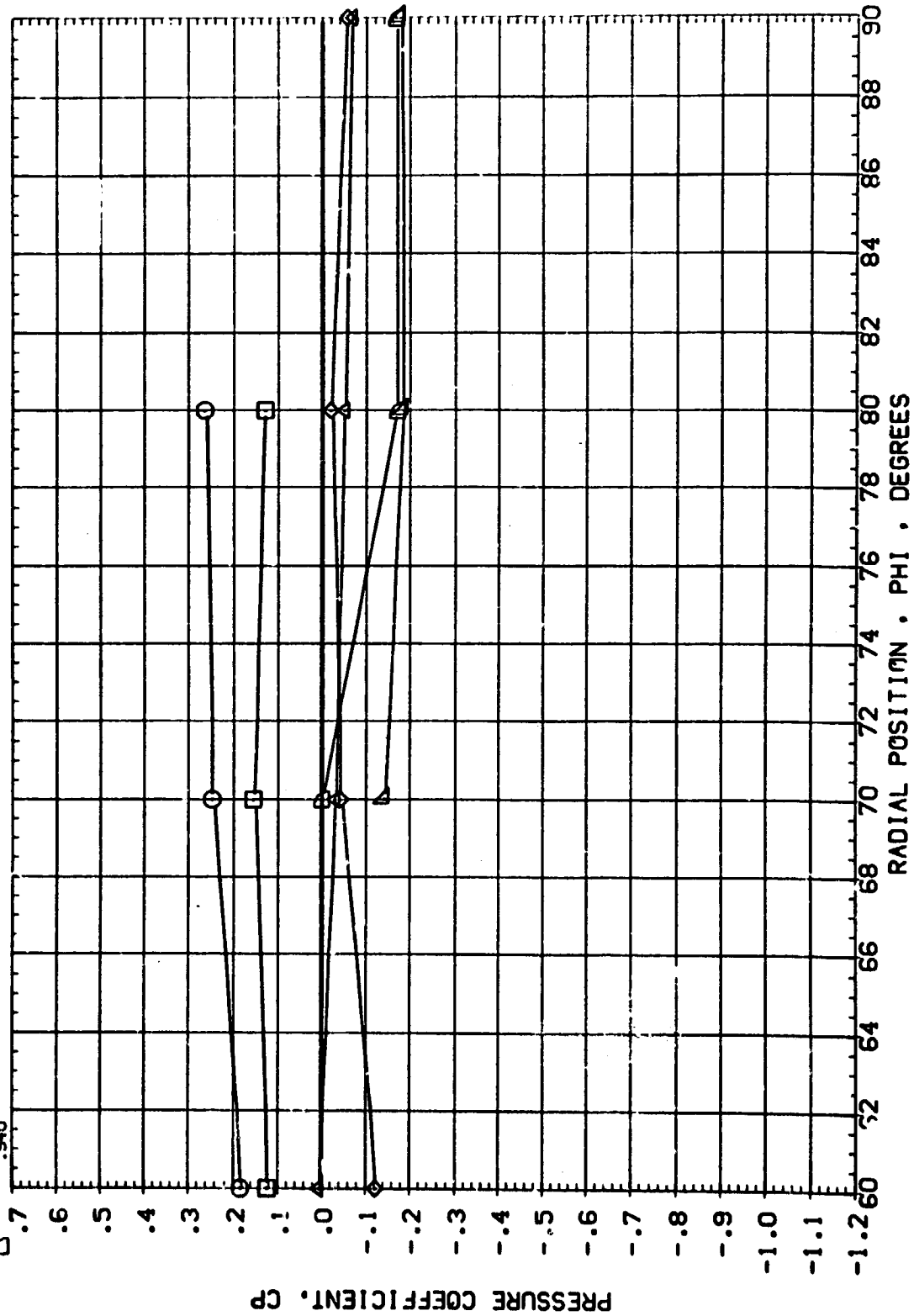
SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES
○	.087	-6.228	1.052	.000	.000	4.000	ELEVTR
□	.126			.000	.000		RUDDER
△	.164						
▽	.862						
◇	.900						
◇	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.087	-4.082	1.045	AILRON	.000
□	.126			RN/L	.000
◇	.164				4.000
△	.862				
▽	.900				
▽	.940				



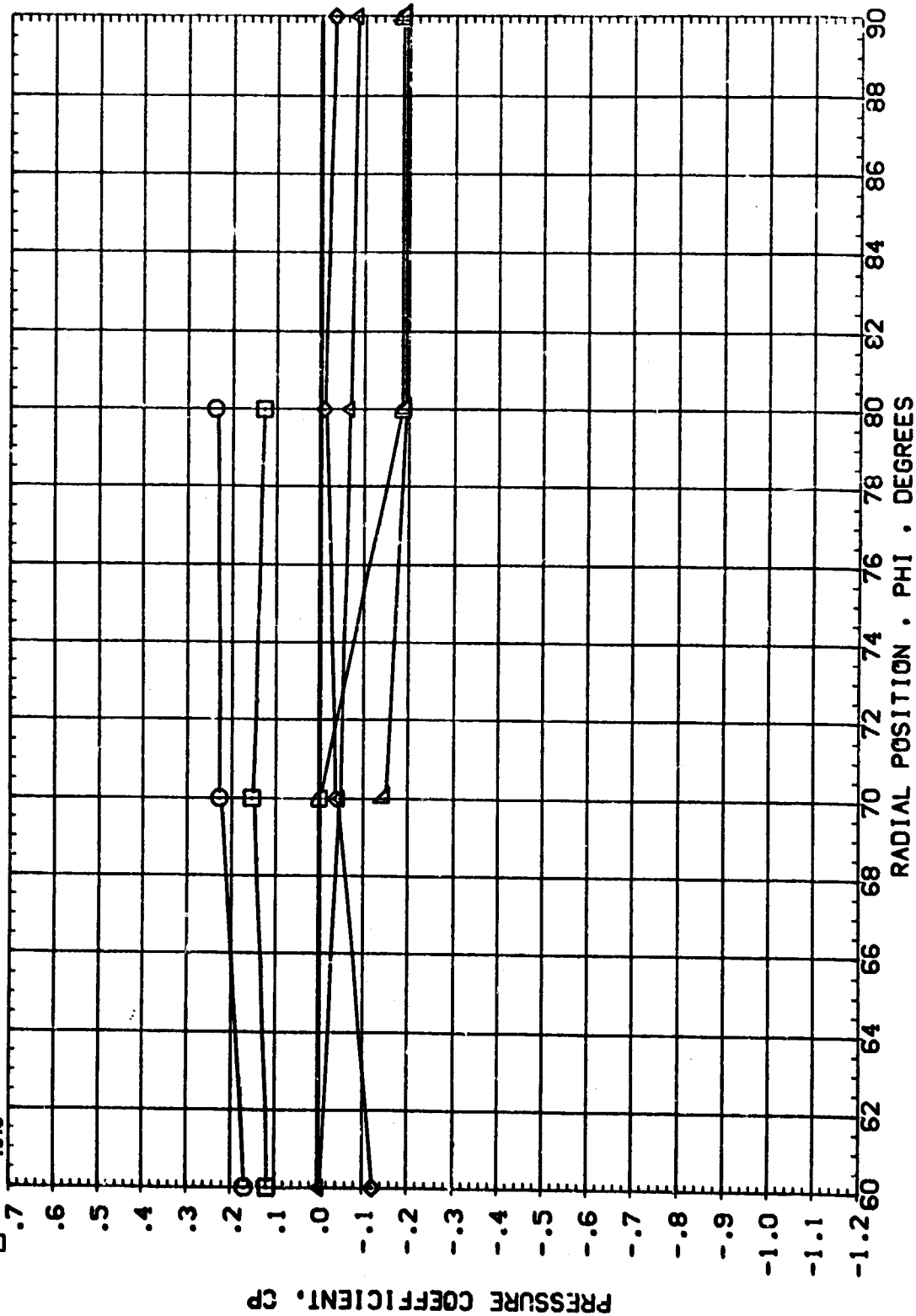
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RV/L 4.000

ALPHA MACH
 -1.967 1.052
 X/L .087
 .126
 .164
 .862
 .900
 .940

SYMBOL
 □ □ □ □ □
 ○ ○ ○ ○ ○
 △ △ △ △ △



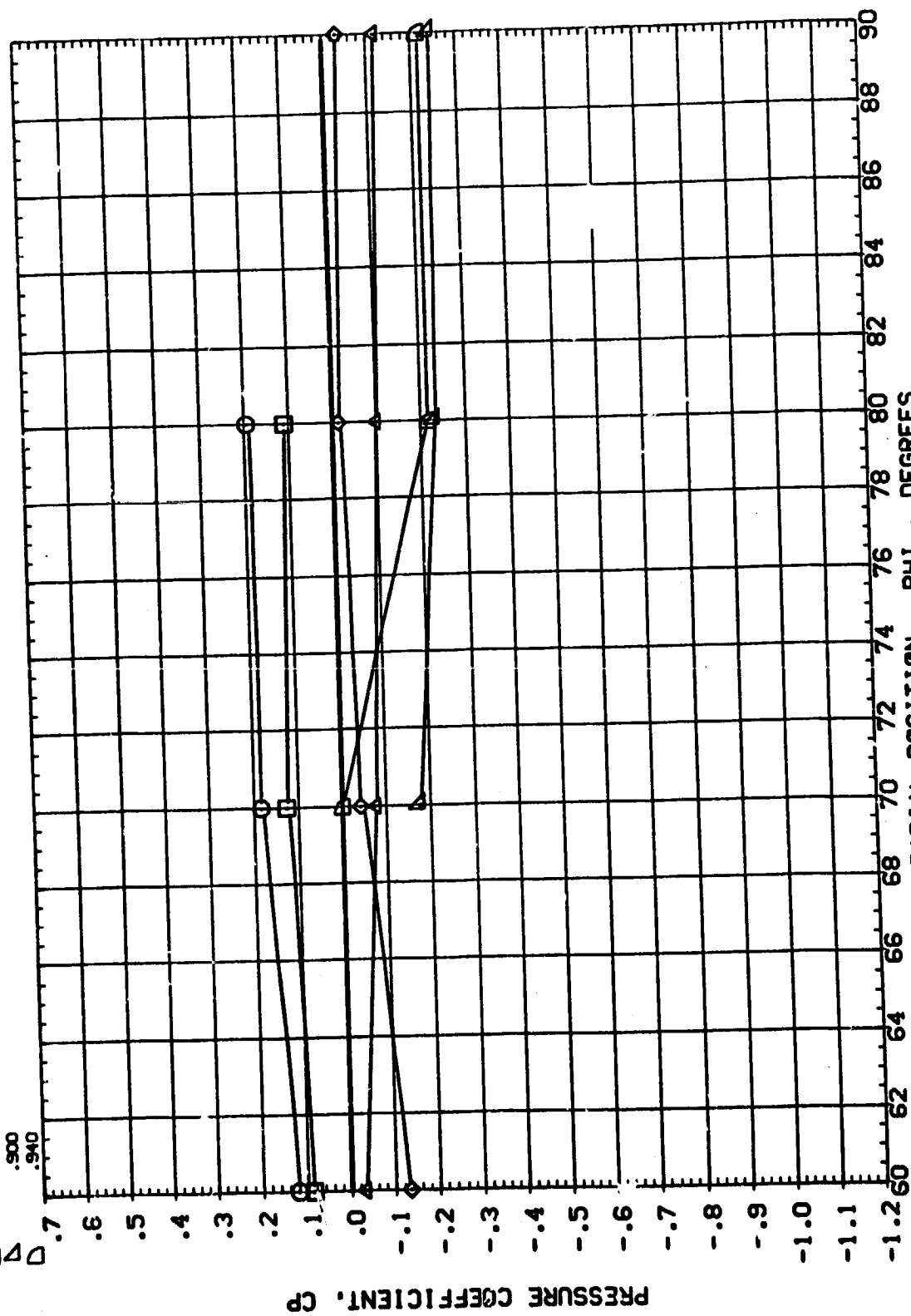
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
BETA .000 ELEVTR .000
AILRON .000 RUDDER .000
RV/L 4.000

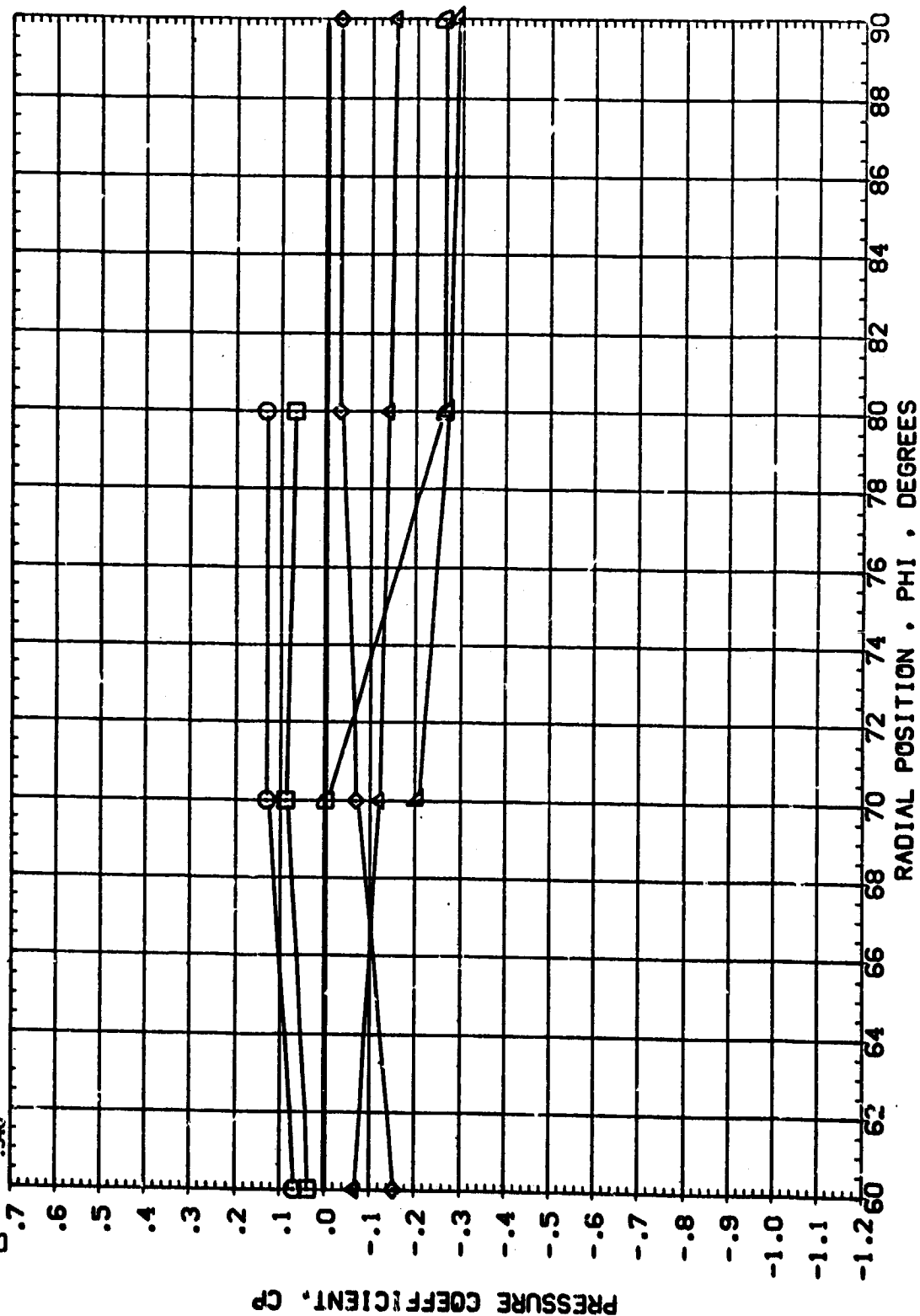
SYMBOL X/L ALPHA MACH
○ .087 .150 1.049
□ .126
◇ .164
▽ .862
△ .900
▽ .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	2.351	1.046	AILRON	.000
◇	.126			RVL	4.000
△	.164			ELEVTR	.000
▽	.852			RUDER	.000
○	.900				
◇	.940				



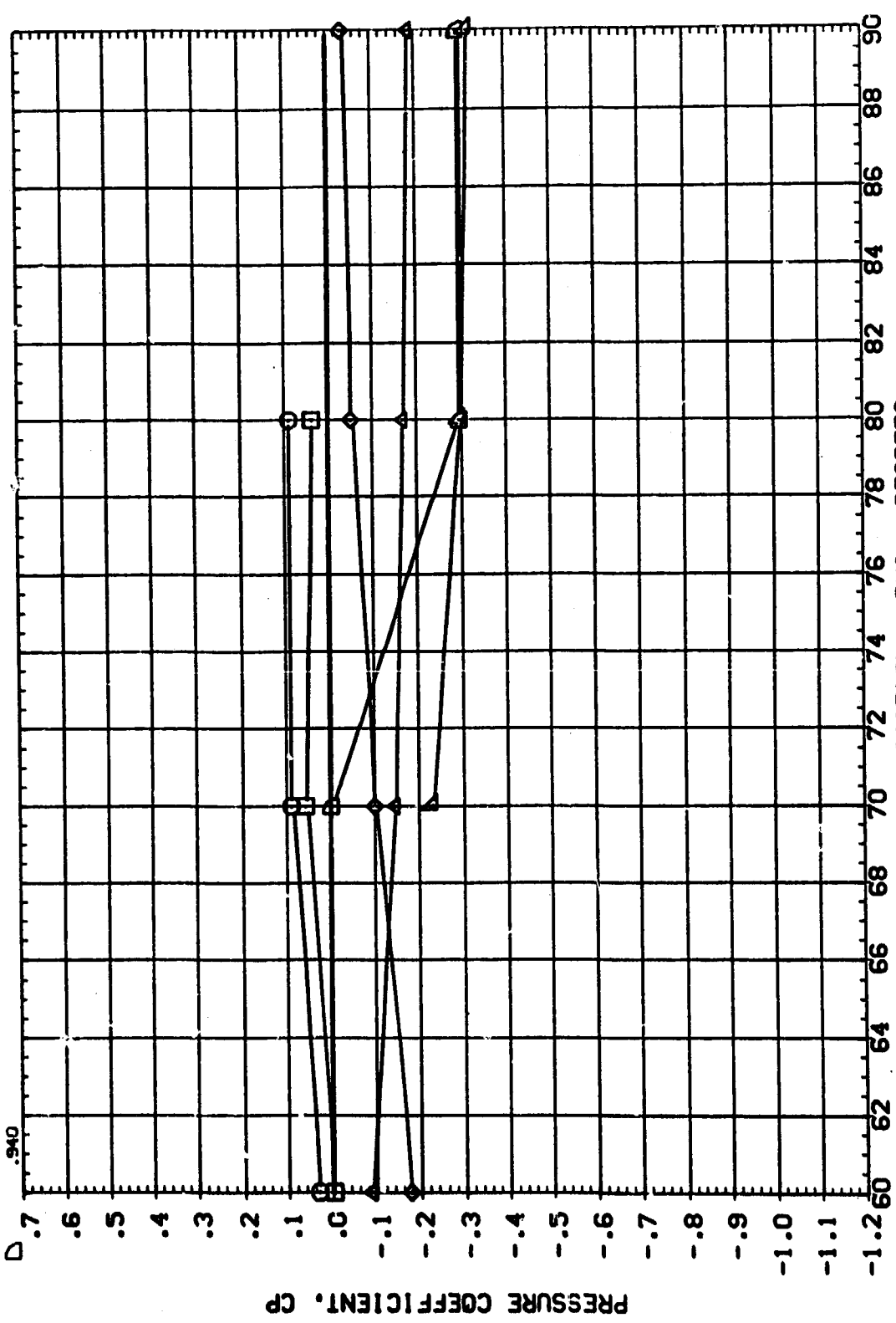
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 R/V/L 4.000
 ELEVTR .000
 RUDDER .000

ALPHA 4.478
 MACH 1.048

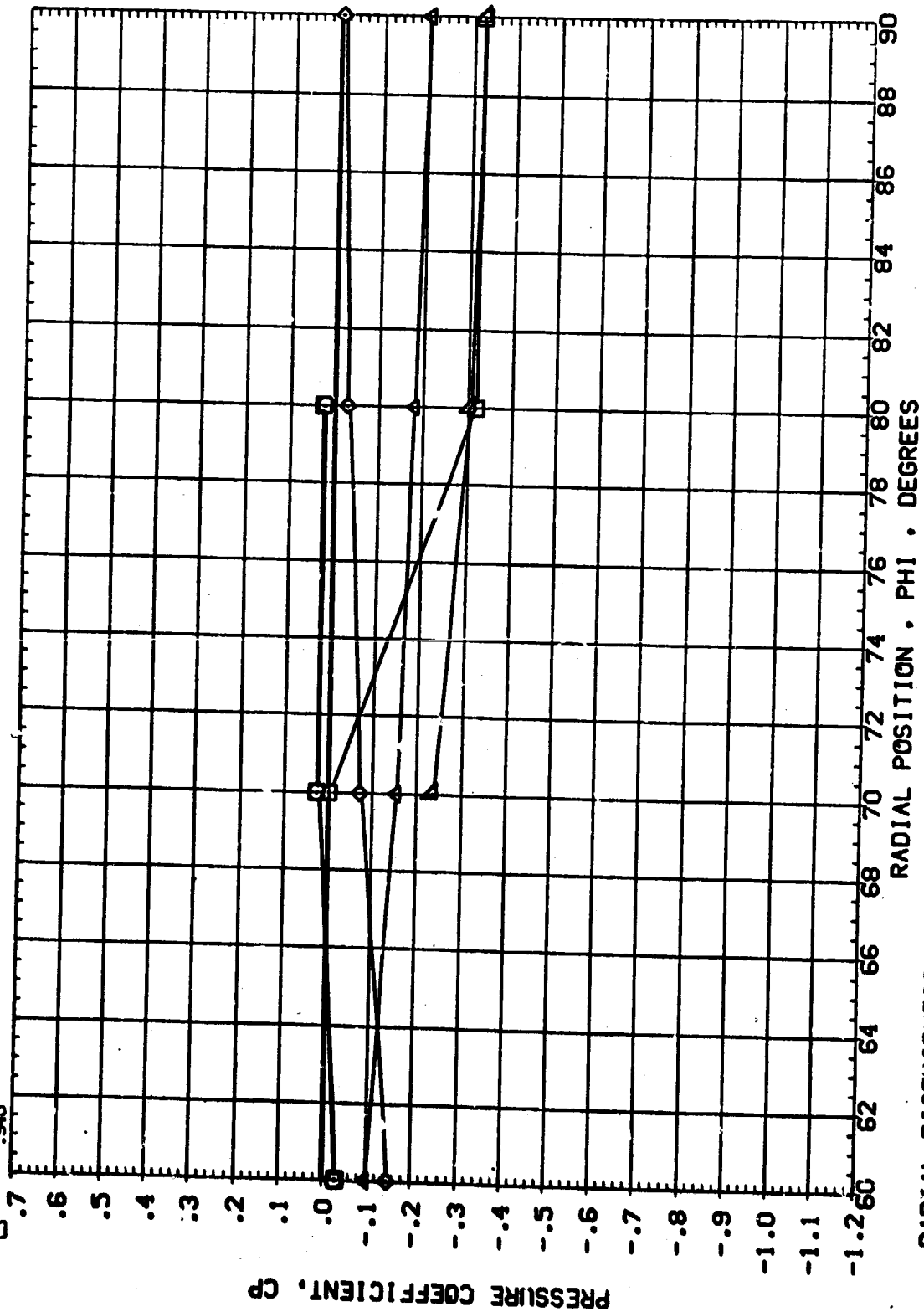
SYMBOL X/L
 .087
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	6.494	1.052	AILRON	.000
◇	.126			RV/L	4.000
△	.164			ELEVTR	.000
▽	.862			RUDER	.000
▽	.900				
▽	.940				

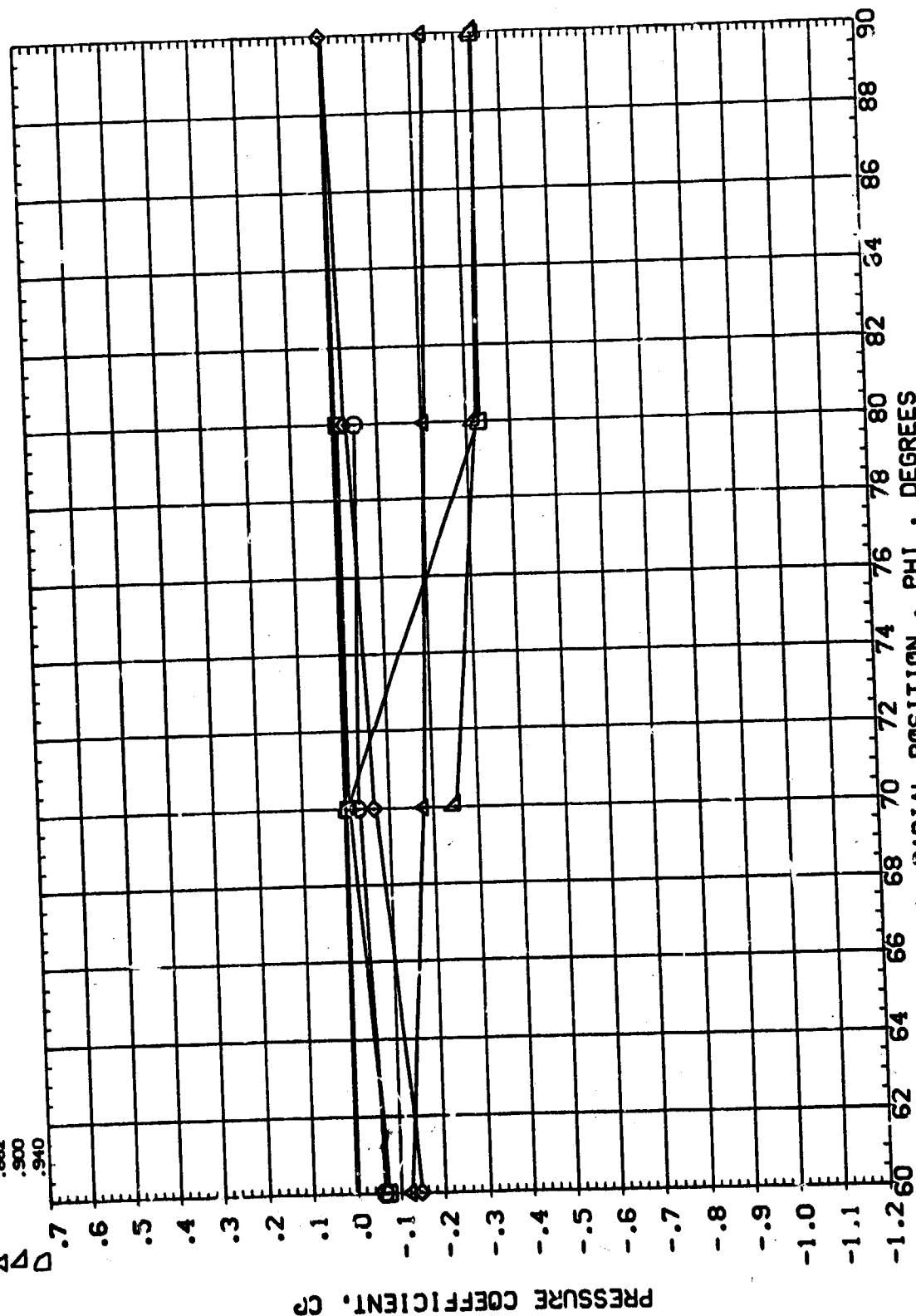


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 4.000
 CLEVTR .000
 RUDDER .000

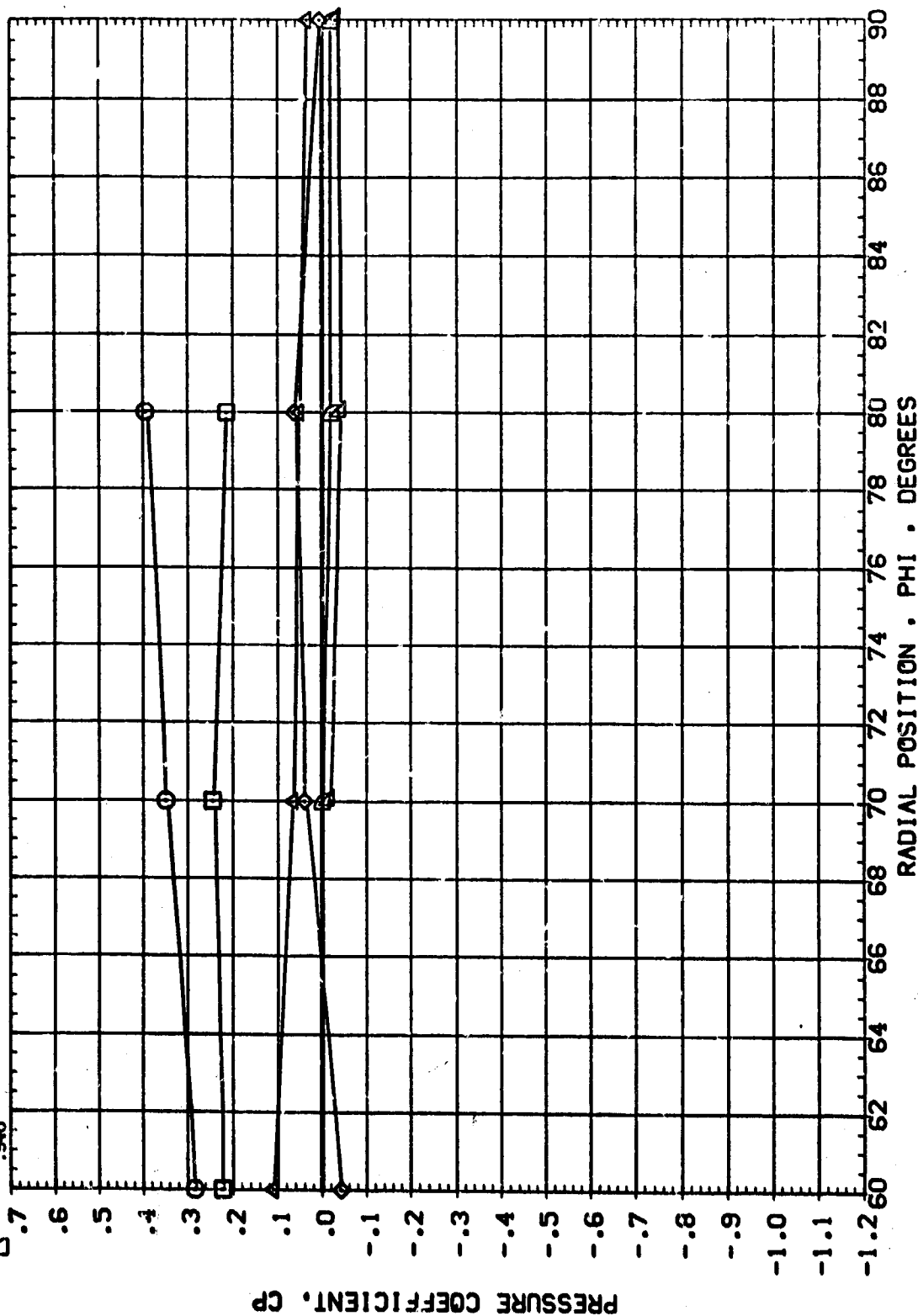
SYMBOL X/L ALPHA MACH
 .087 8.613 1.052
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.087	-8.181	1.100	.000	ELEVTR .000
□	.126			.000	RUDDER .000
△	.164			4.000	
▽	.862				
◇	.900				
◇	.940				

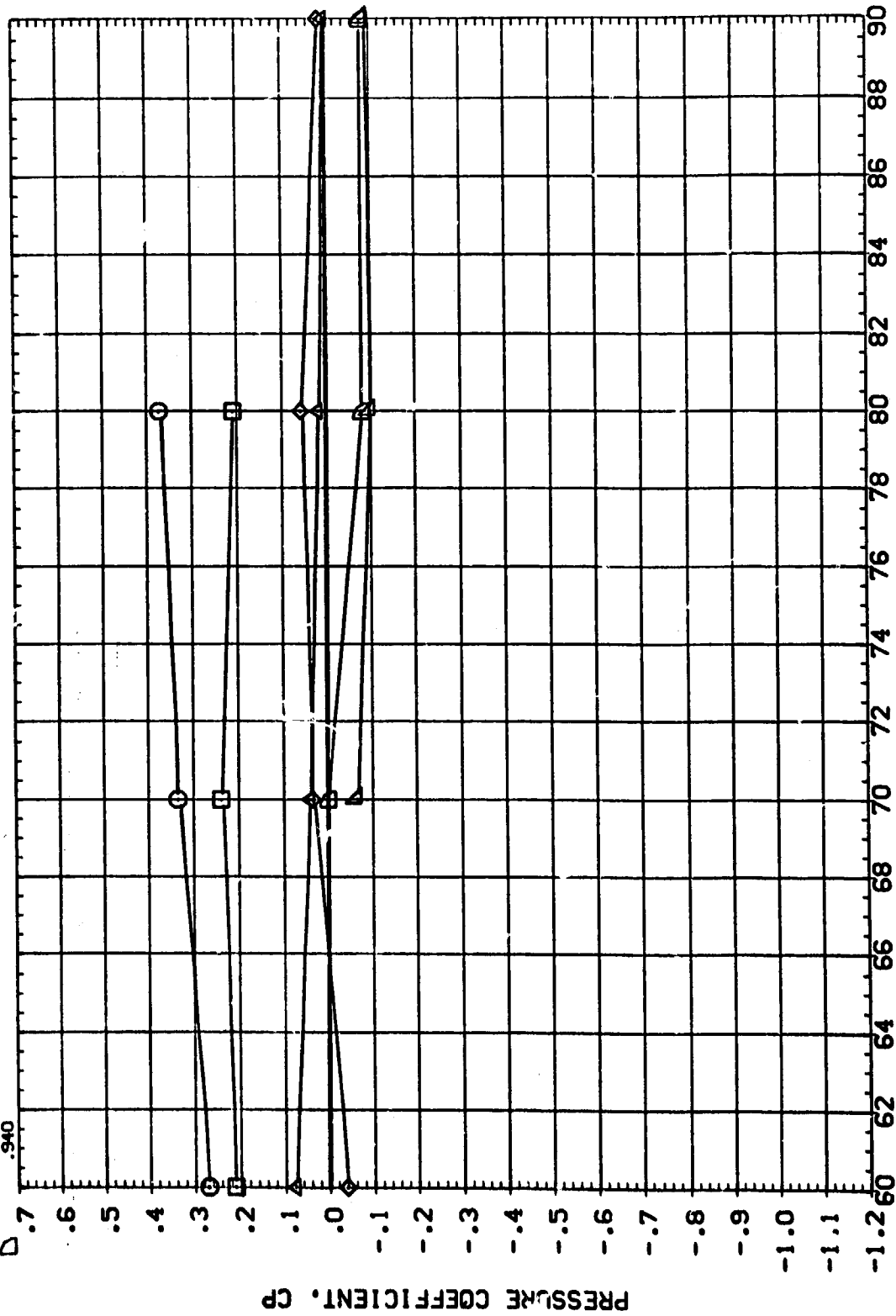


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.000

SYMBOL X/L ALPHA MACH
 .087
 .126
 .164
 .862
 .900
 .940



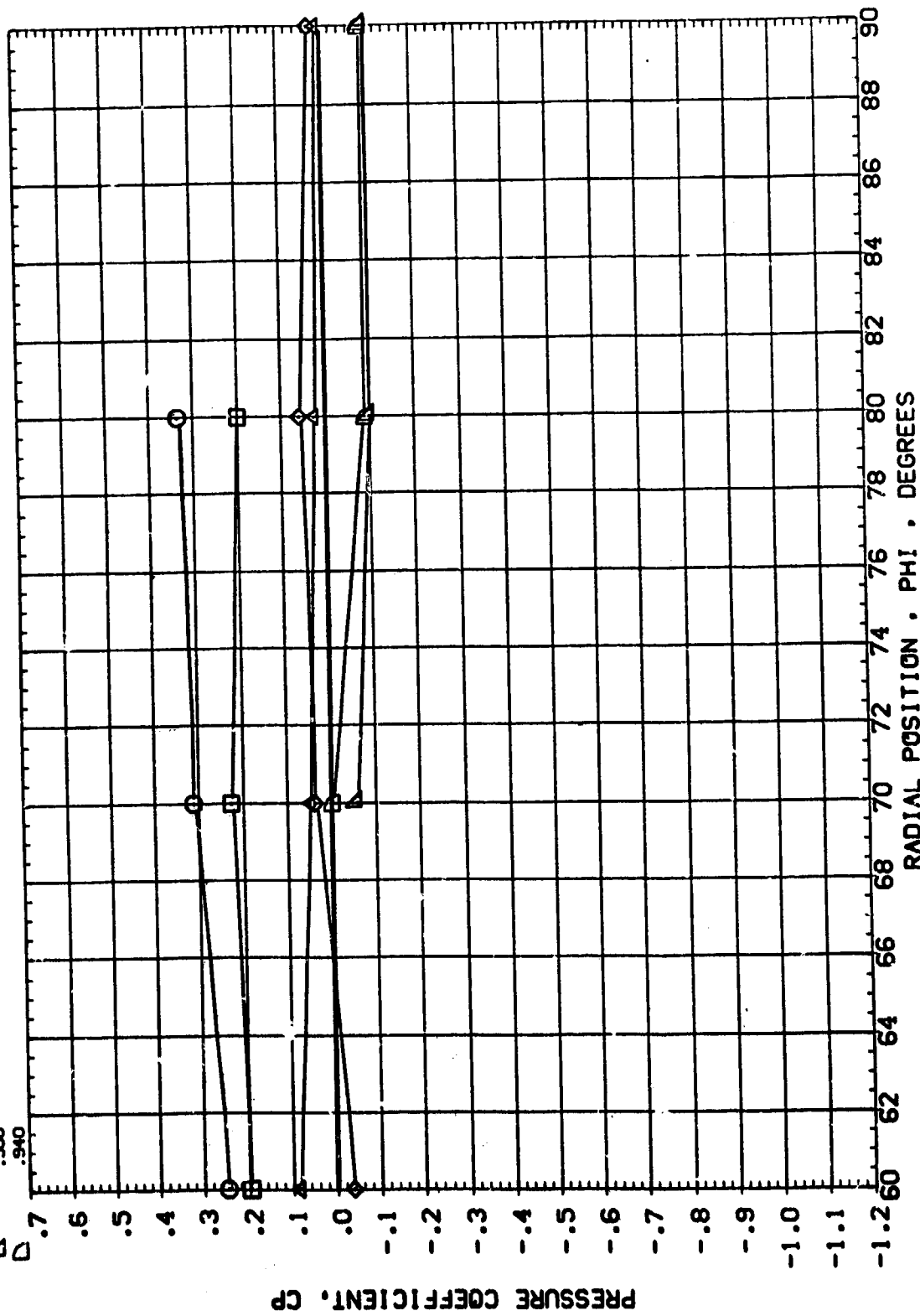
RADIAL POSITION . PHI . DEGREES

RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 RV/L 4.000

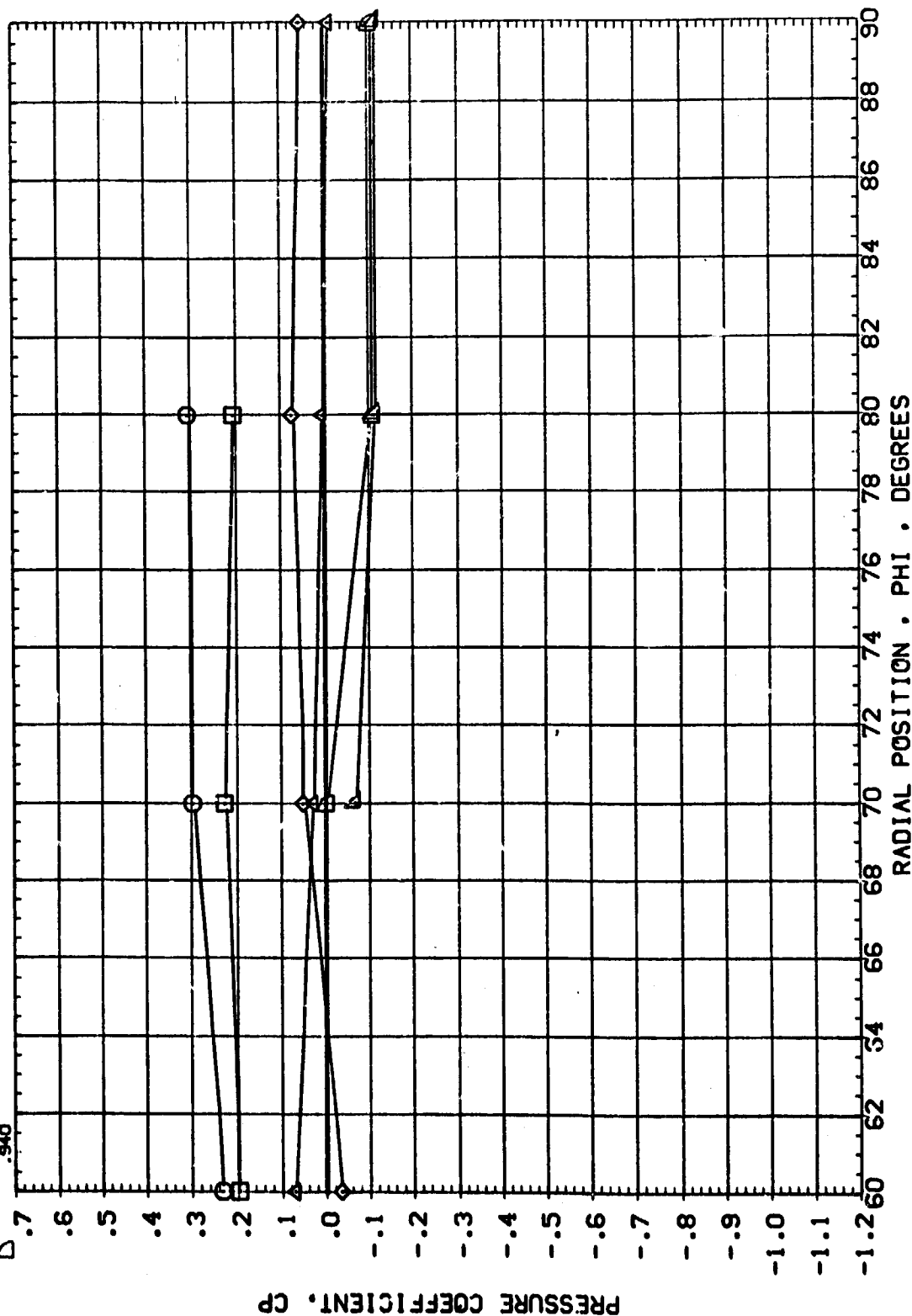
SYMBOL XL ALPHA MACH
 .087
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

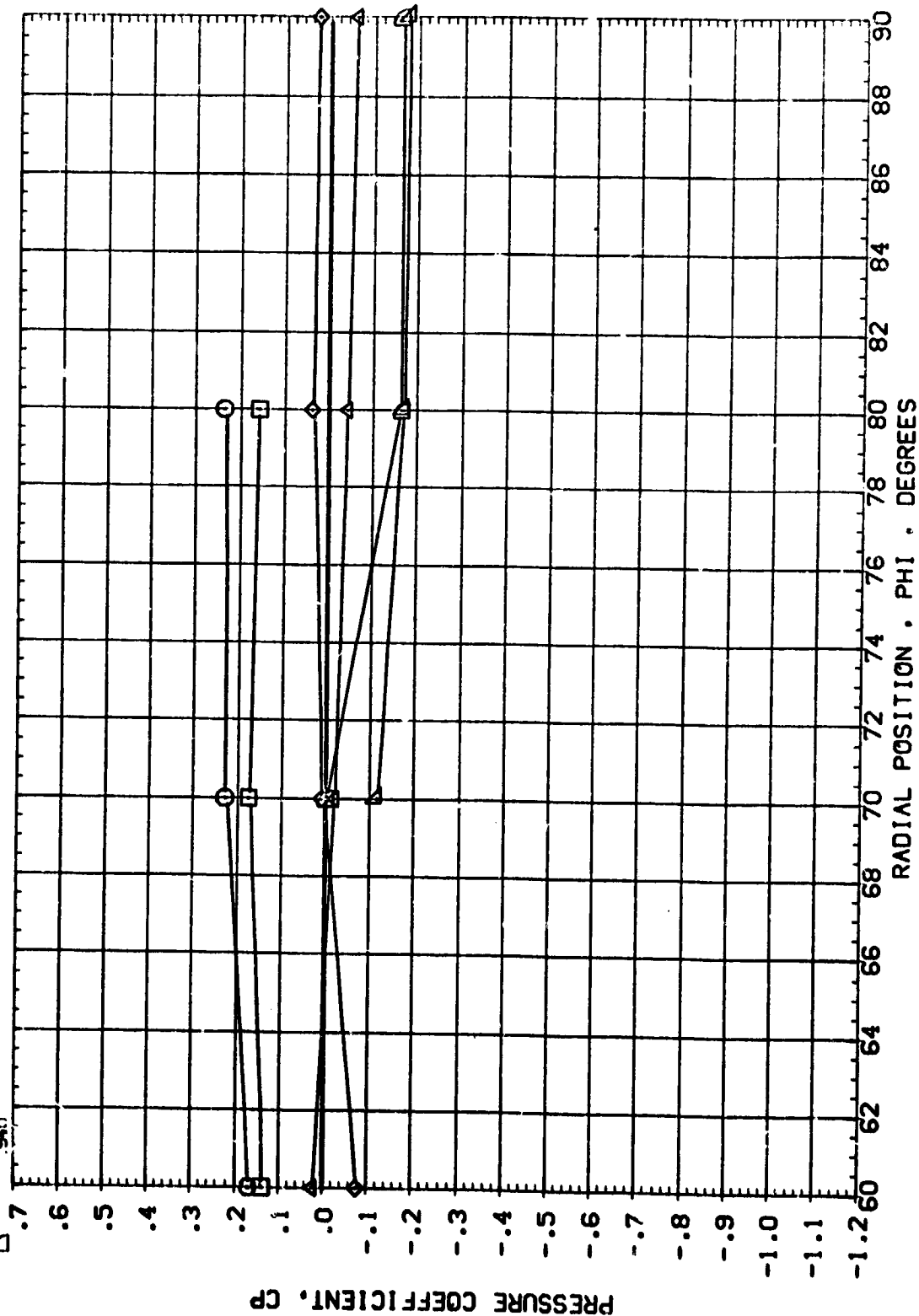
SYMBOL □ ○ ◇ △ ▽ ▽	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.087	-1.957	1.109	BETA	.000	ELEVTR
	.126			AILRON	.000	RUDDER
	.164			RN/L	4.000	
	.862					
	.900					
	.940					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RN/L	4.000		

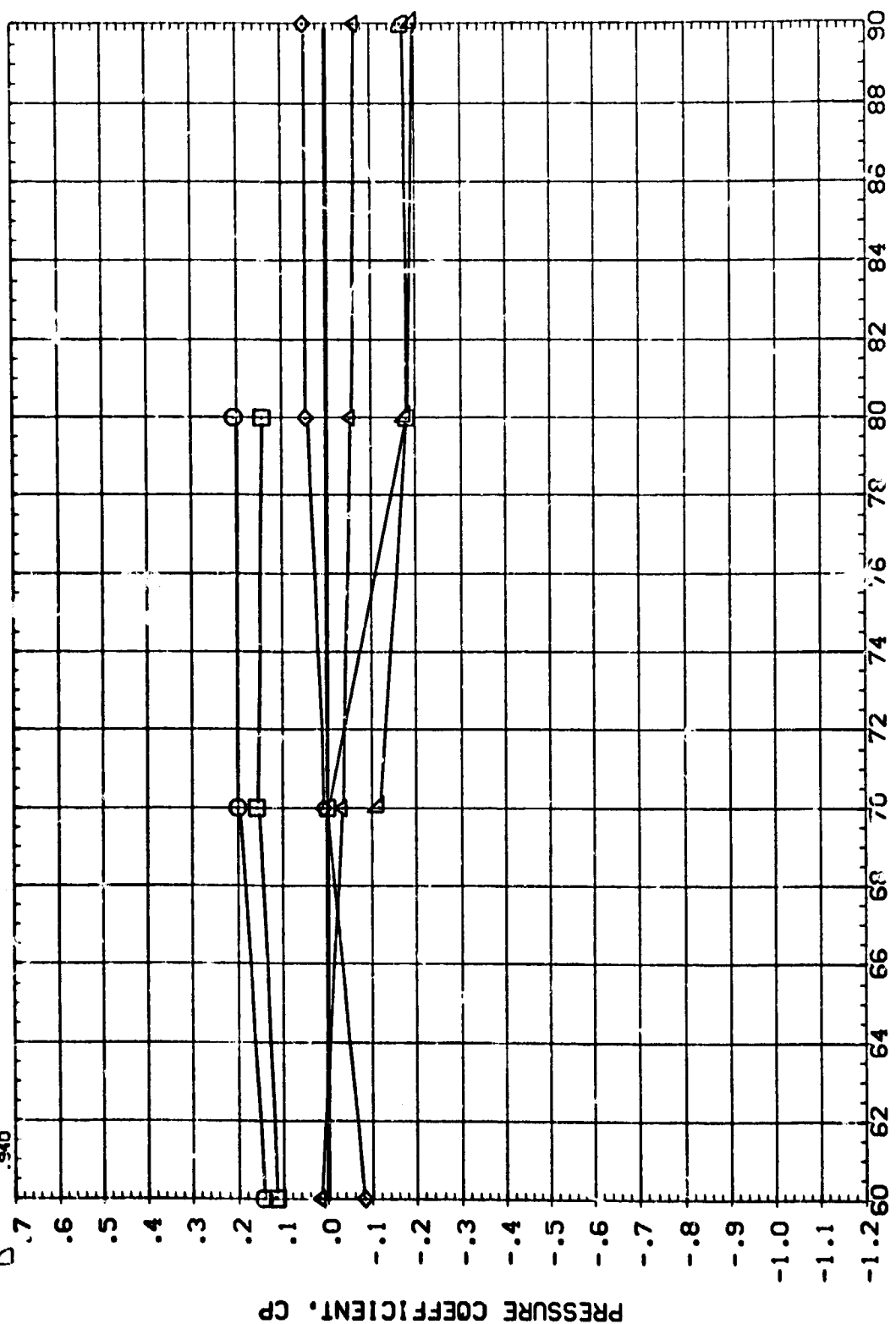


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
				BETA A1LRON	ELEVTR RUDDER	
○	.087	2.300	1.104	.000	.000	
□	.126			.000	.000	
◇	.164			.000	.000	
△	.862			4.000		
▽	.900					
▽	.940					

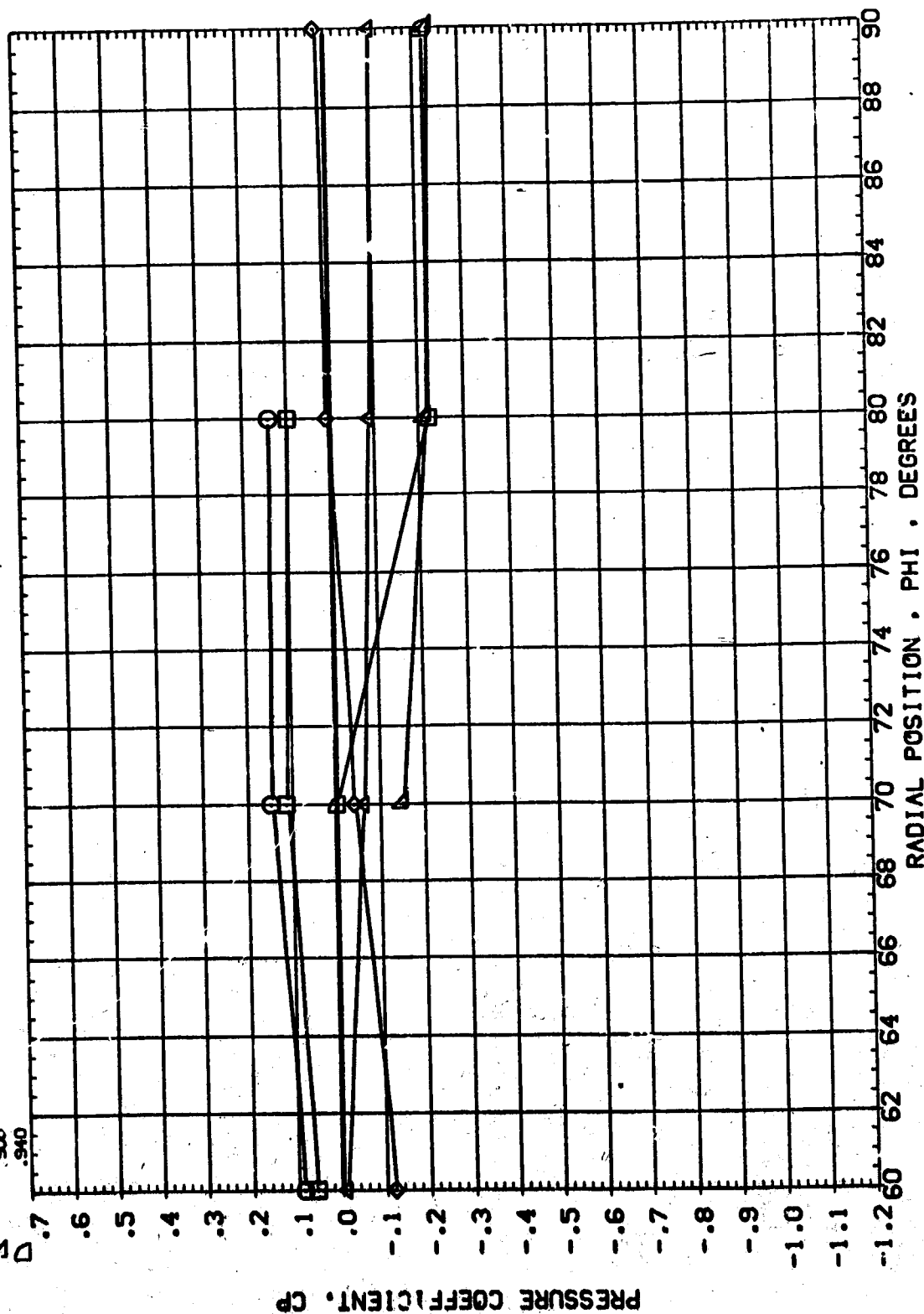


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 FLDDR .000
 RN/L 4.000

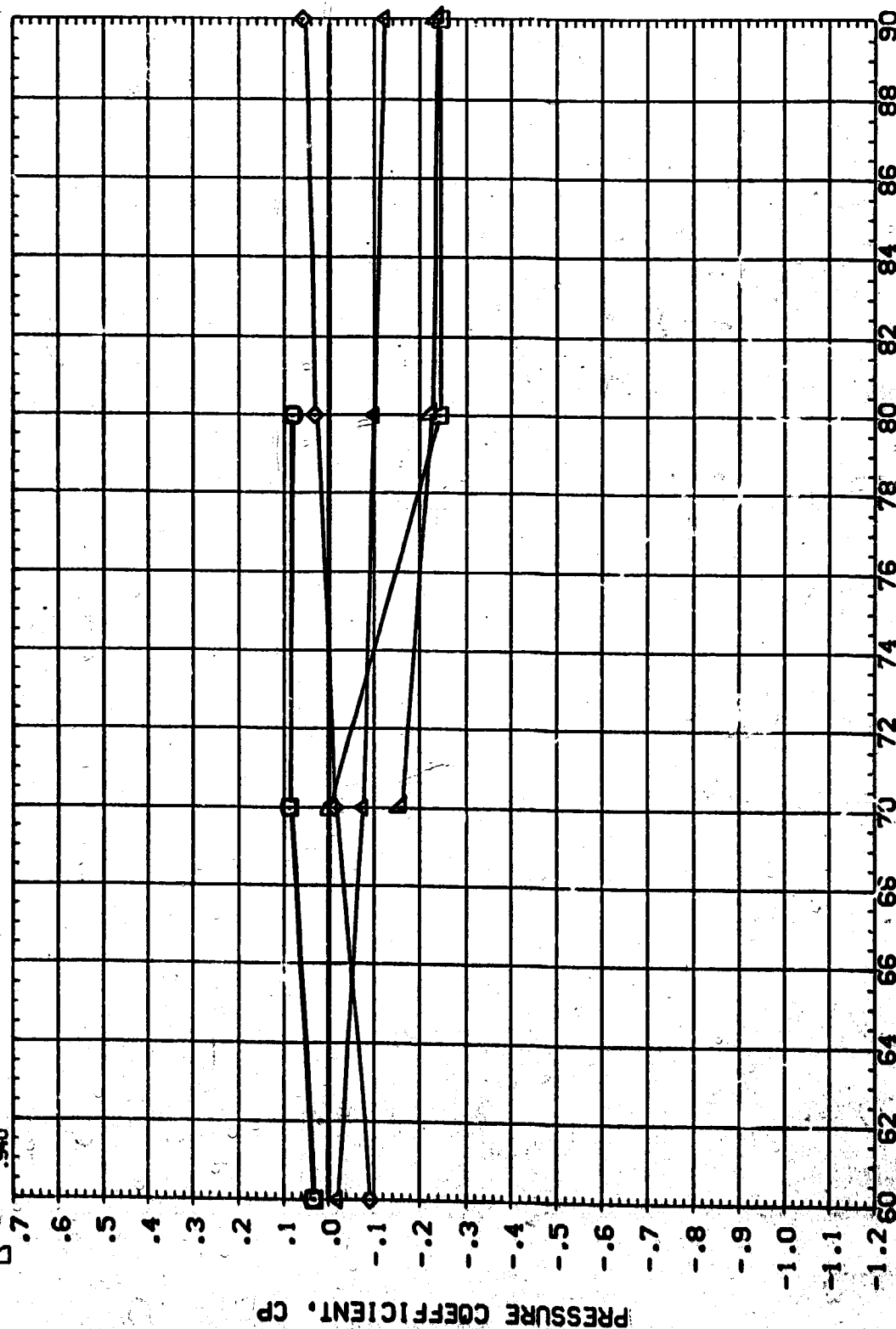
SV-80L X/L ALPHA MACH
 .087 4.411 1.037
 .126
 .164
 .862
 900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

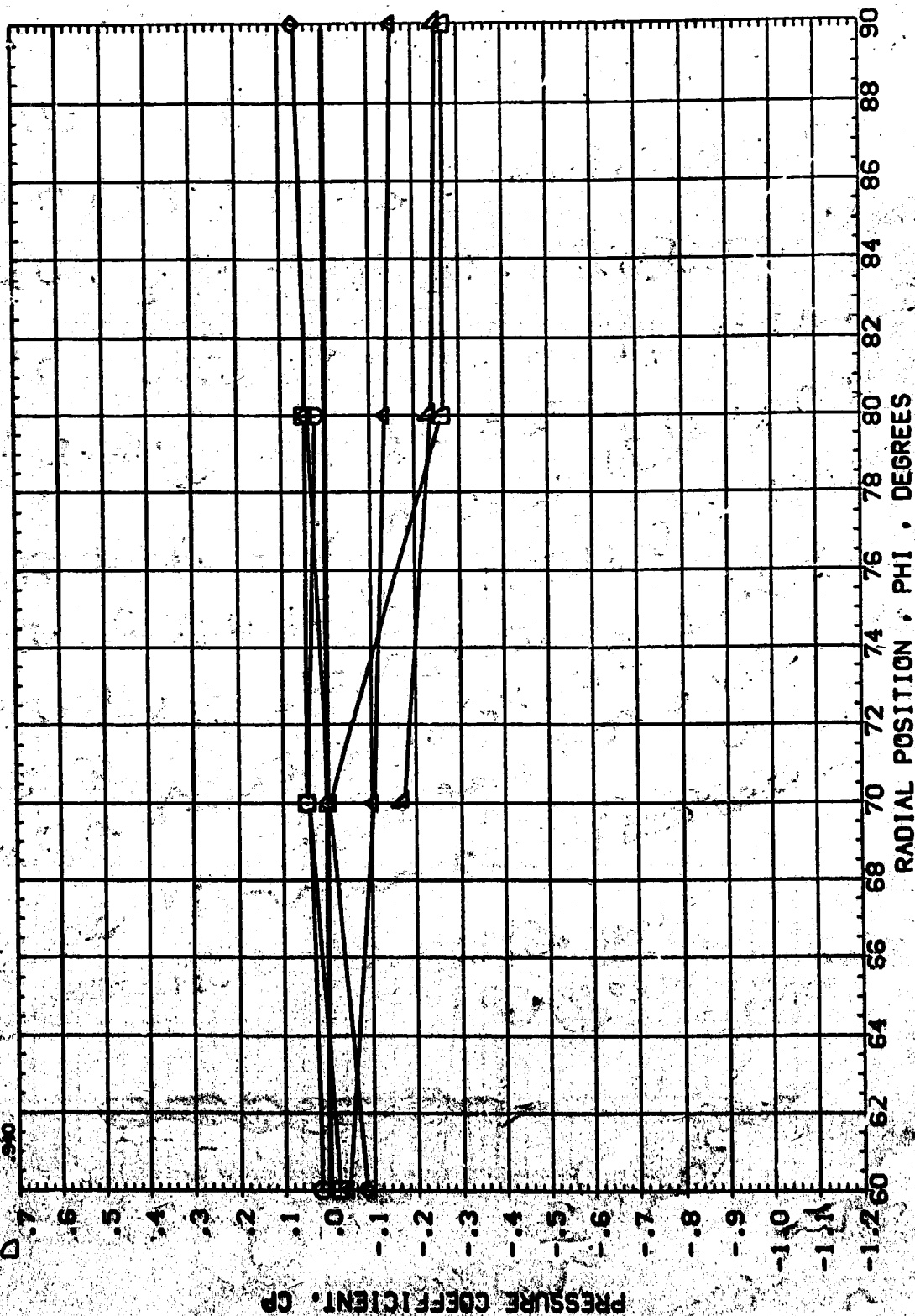
SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES	ELEVTR	RUDDER
□	.087	6.583	1.103	.000	.000	4.000		.000	.000
◇	.126								
△	.164								
▽	.862								
○	.900								
◇	.940								



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RAIL 4.000
 ELEVTR .000
 RUDDER .000

SYMBOL X/L ALPHA MACH
 007 0.002 1.105
 125 0.002 1.105
 154 0.002 1.105
 200 0.002 1.105
 250 0.002 1.105

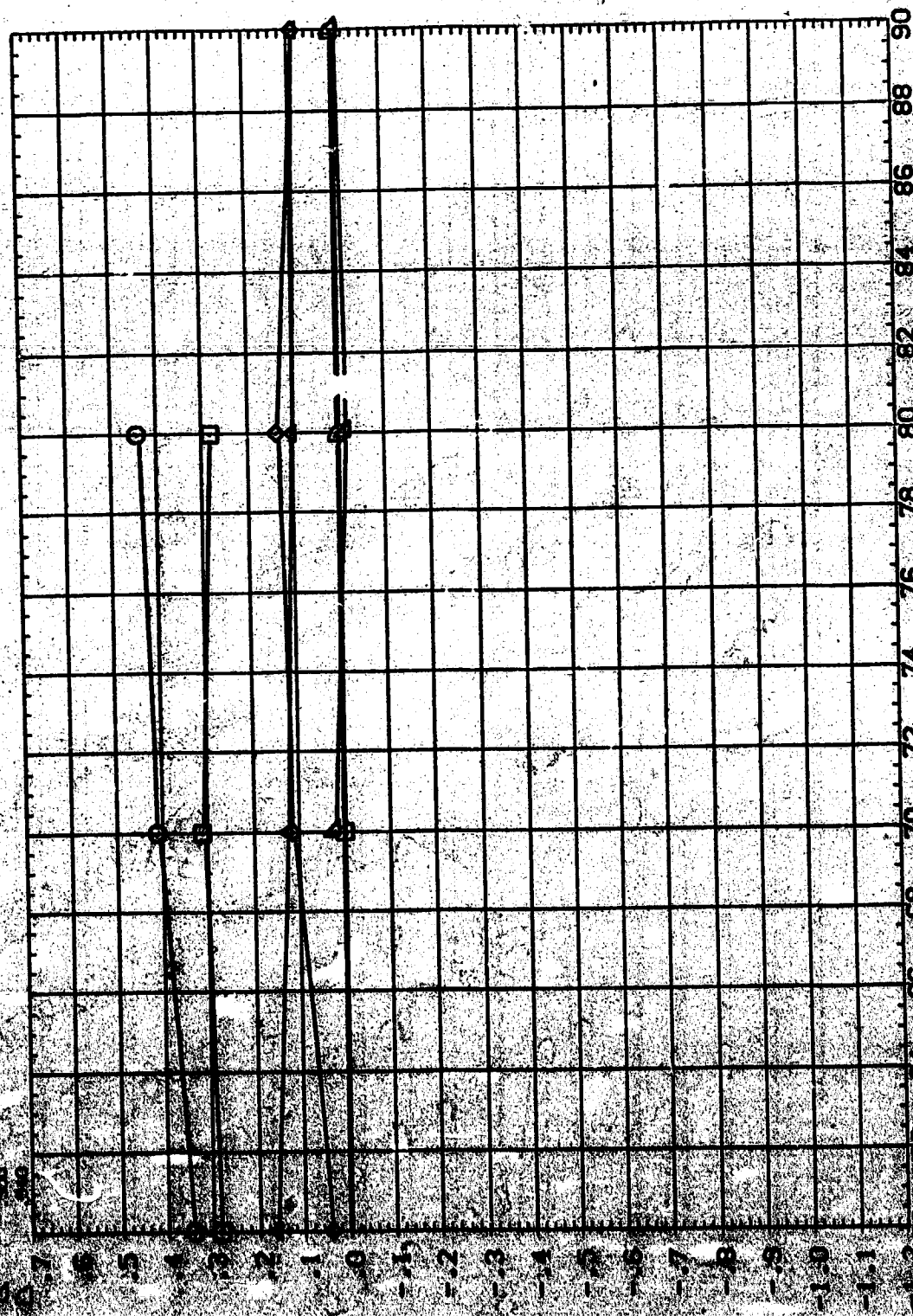


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-930 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILTON .000
 RNL 4.000
 ELEVTR .000
 RUDDER .000

WIND
 0.000
 0.000
 1.000

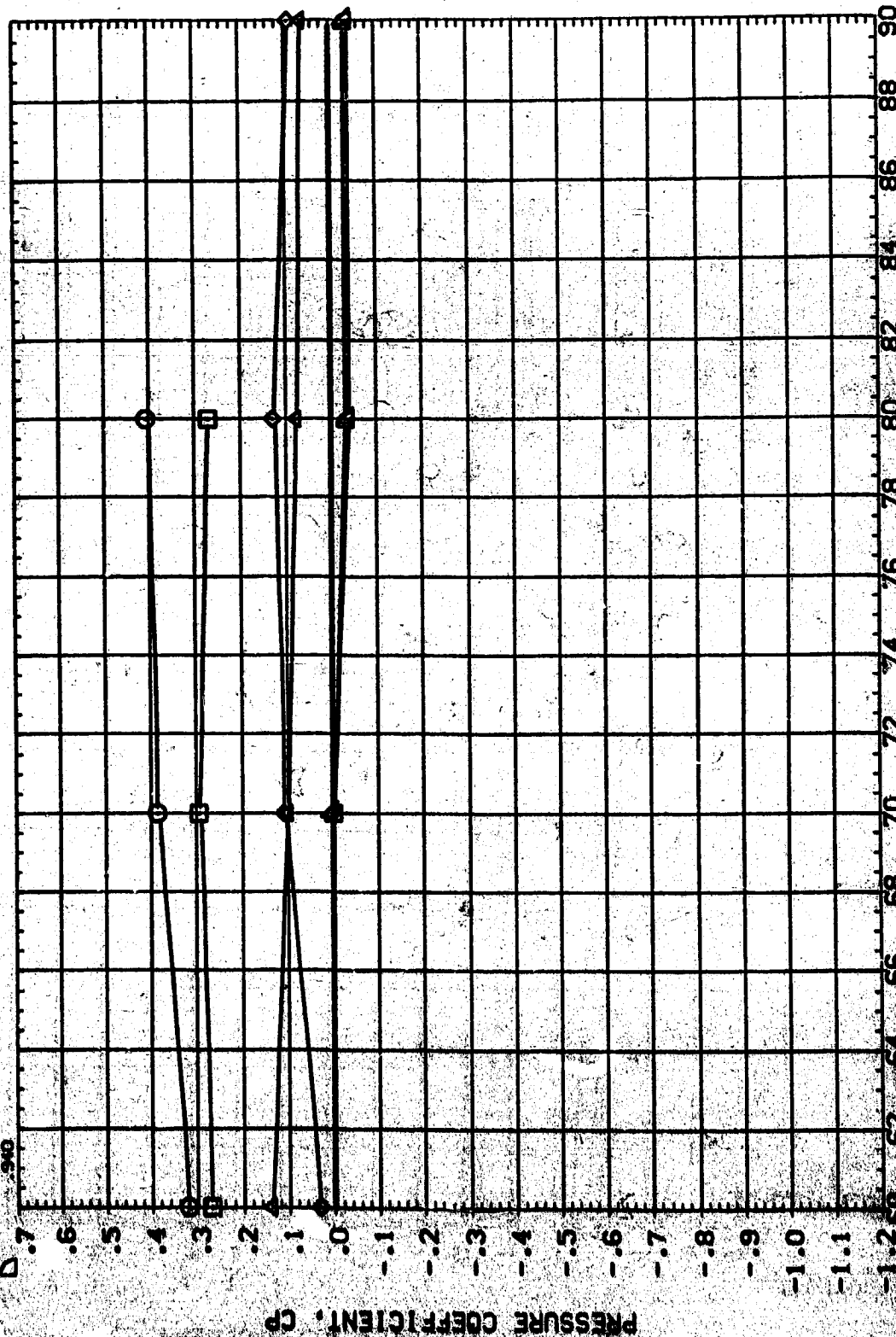


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AIRDEN .000 RHOER .000
 RWVL 4.000

ALPHA MACH
 -1.057 1.150
 .087
 .126
 .164
 .202
 .240

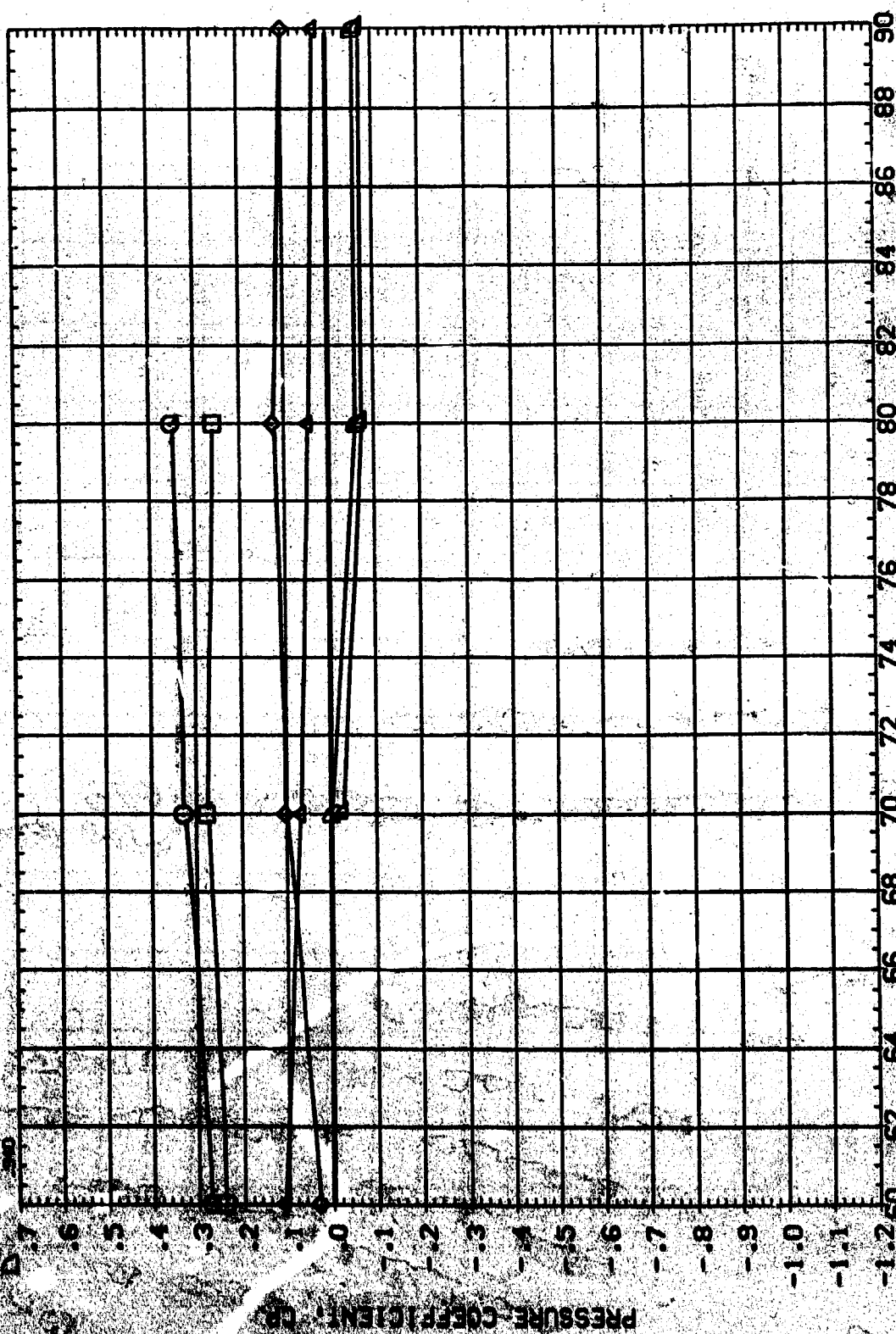


RADIAL POSITION . PHI . DEGREES
 RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

WES-66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

MACH 1.155
 ALTITUDE 2000
 DENSITY 0.00125
 TEMPERATURE 518.7
 VISCOSITY 3.74E-05

PARAMETRIC VALUES
 BETA .000
 ALLISON .000
 RVL 4.000
 ELEVTR .000
 RUDDER .000



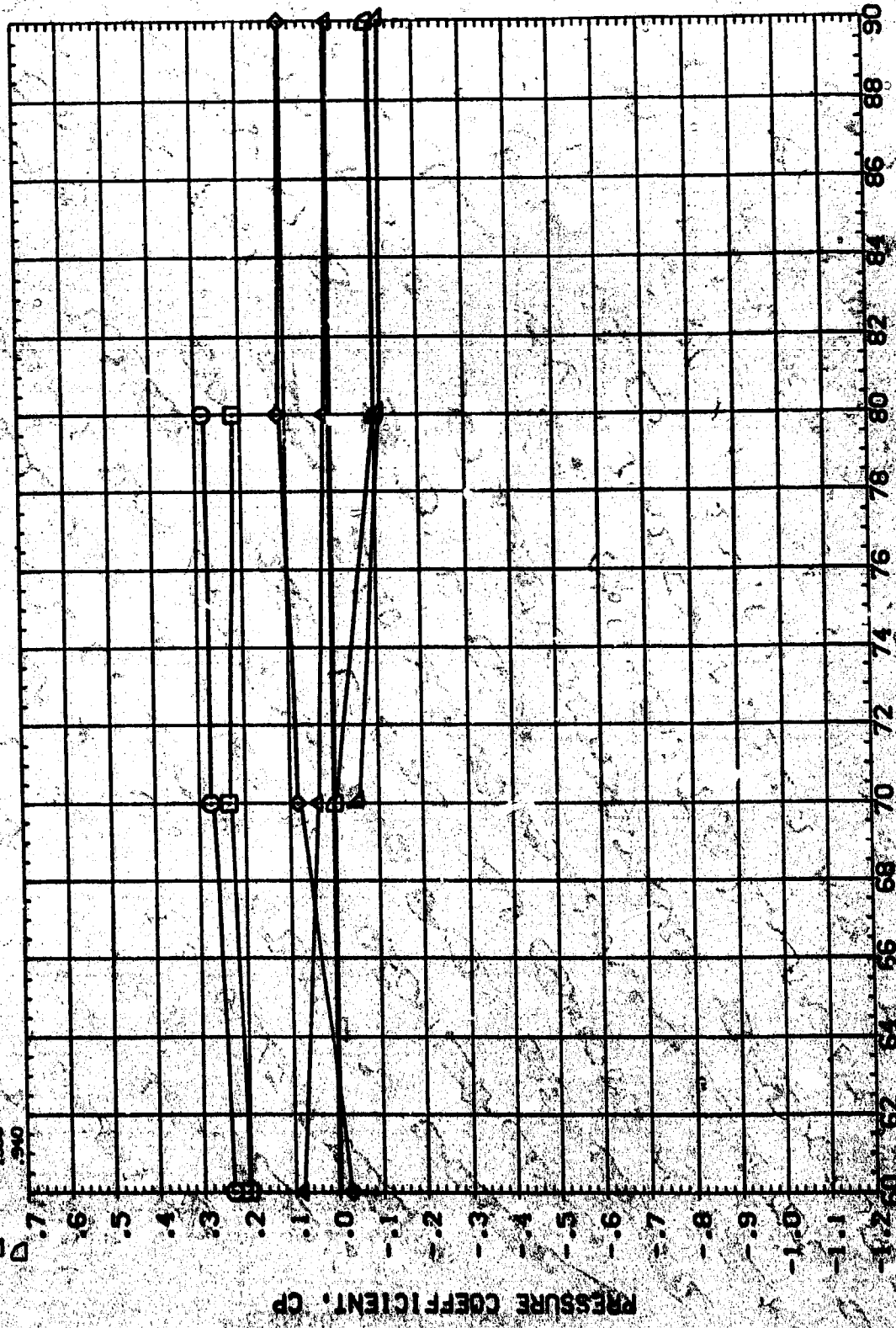
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SPEED M/L
 .087
 .126
 .164
 .662
 .900
 .940

BETA
 .153
 .153
 .153
 .153
 .153
 .153

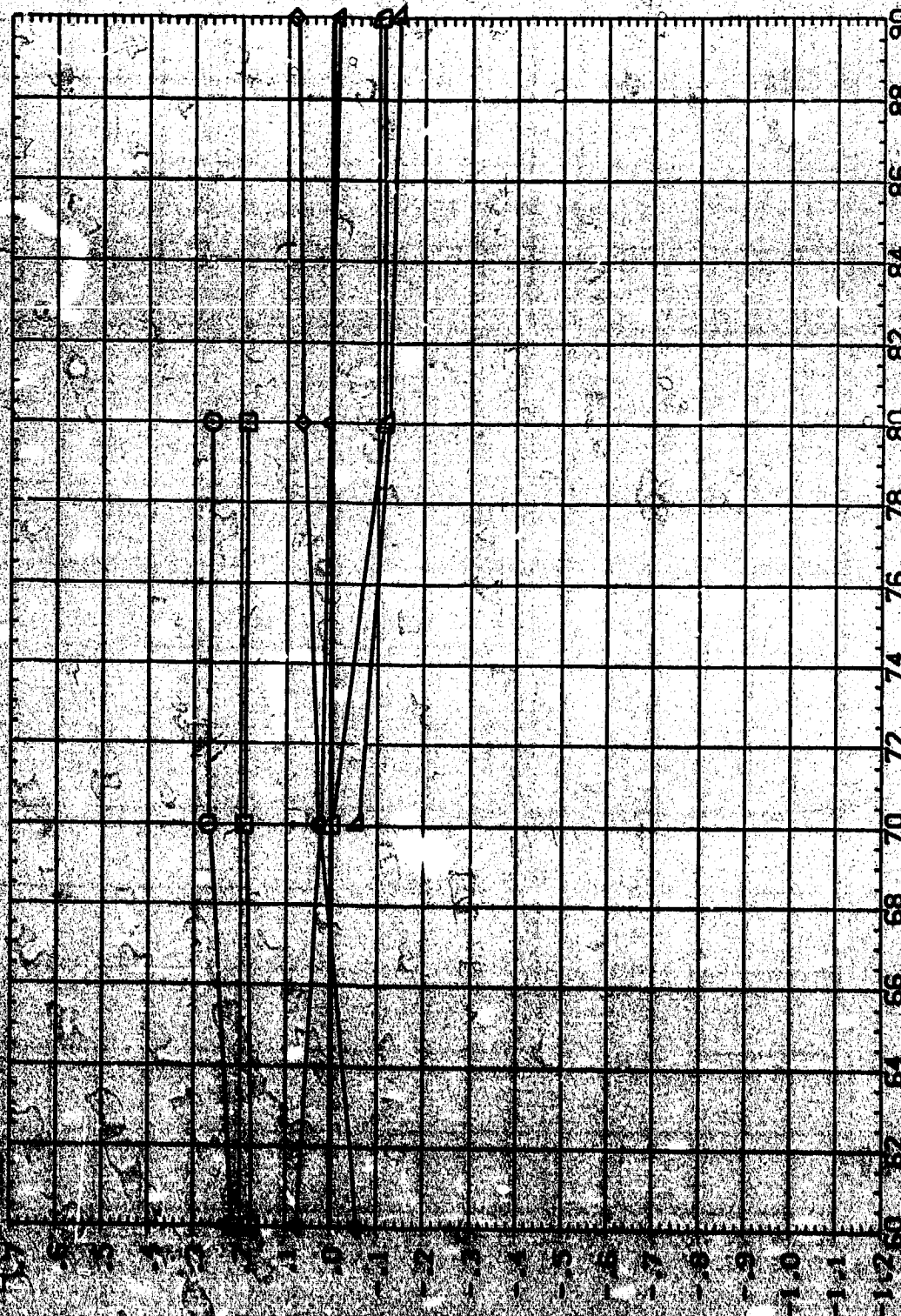
PARAMETRIC VALUES
 .000
 .000
 .000
 .000
 .000
 .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION - PHI - DEGREES

PARAMETER VALUES
 1.000
 1.000
 1.000
 1.000
 1.000

SEA
 ALLISON
 BVA

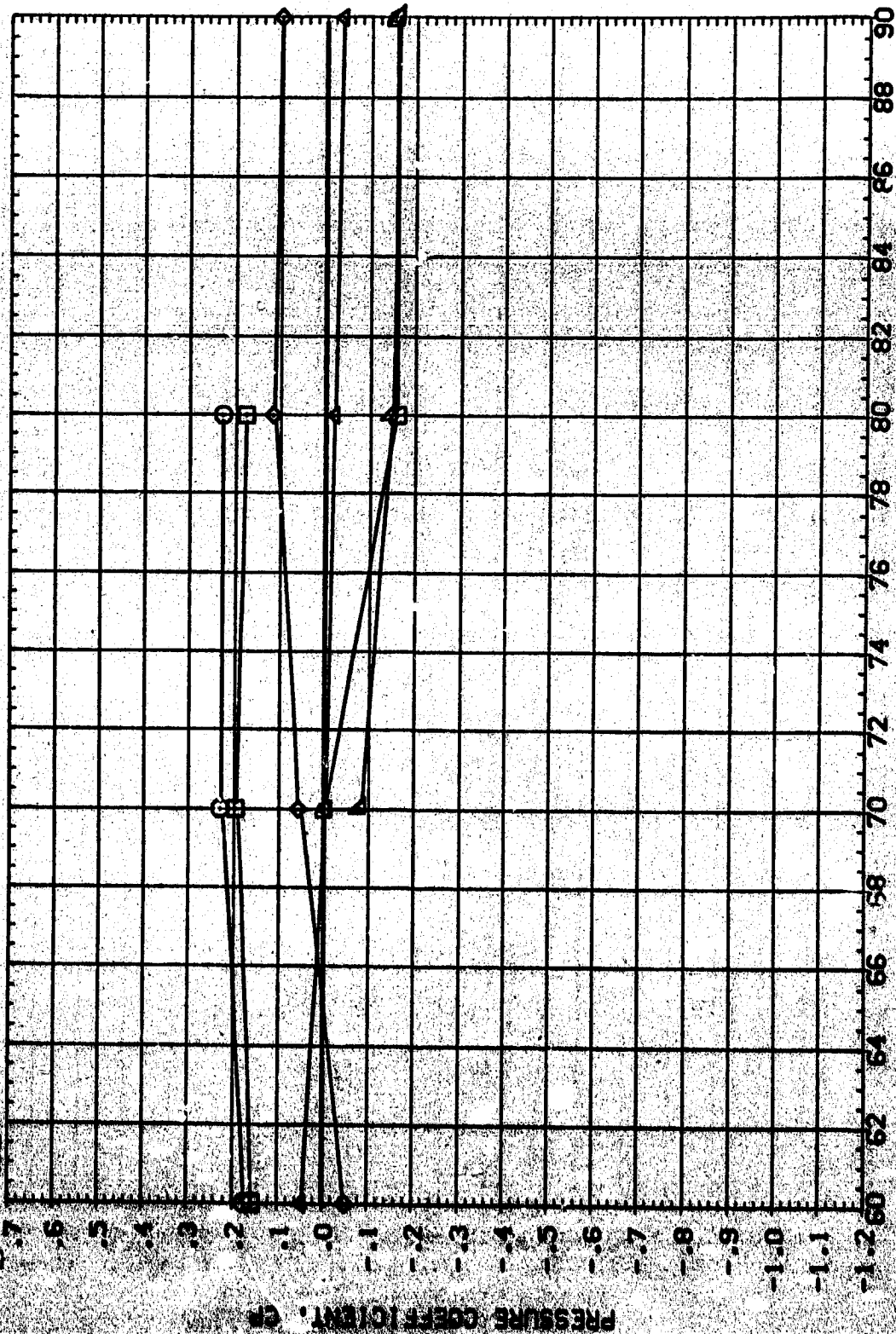


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AVES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

ALTITUDE
 4.810
 MCH
 1.146
 0.097
 .126
 .164
 .052
 .000
 .040

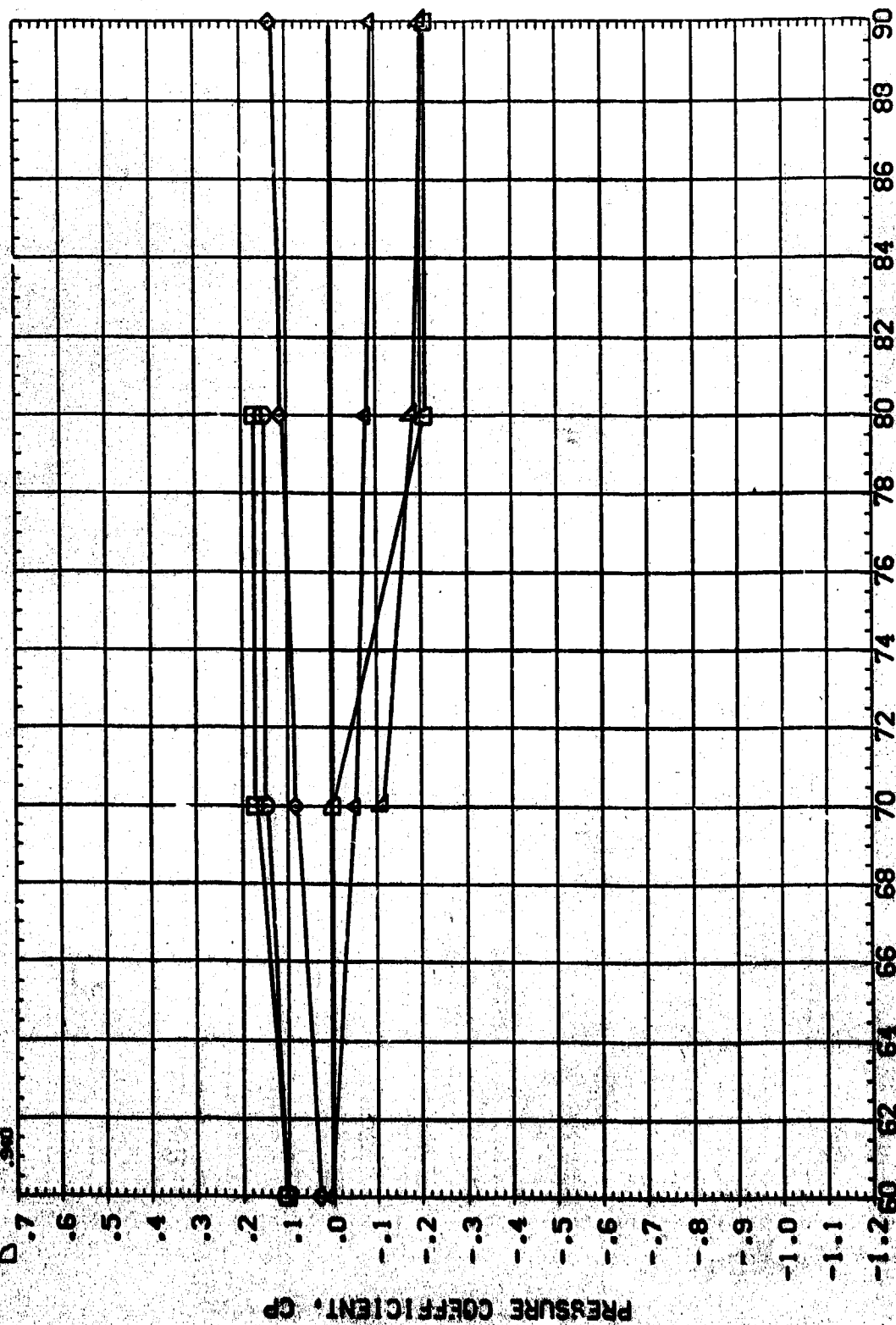
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RVL 4.000
 ELEVTR .000
 RUDDER .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SVL	ALPHA	WICH	BETA	PARAMETRIC VALUES
.087	6.525	1.147	.000	ELEVTR
.126			.000	RUDER
.164			4.000	
.202				
.240				

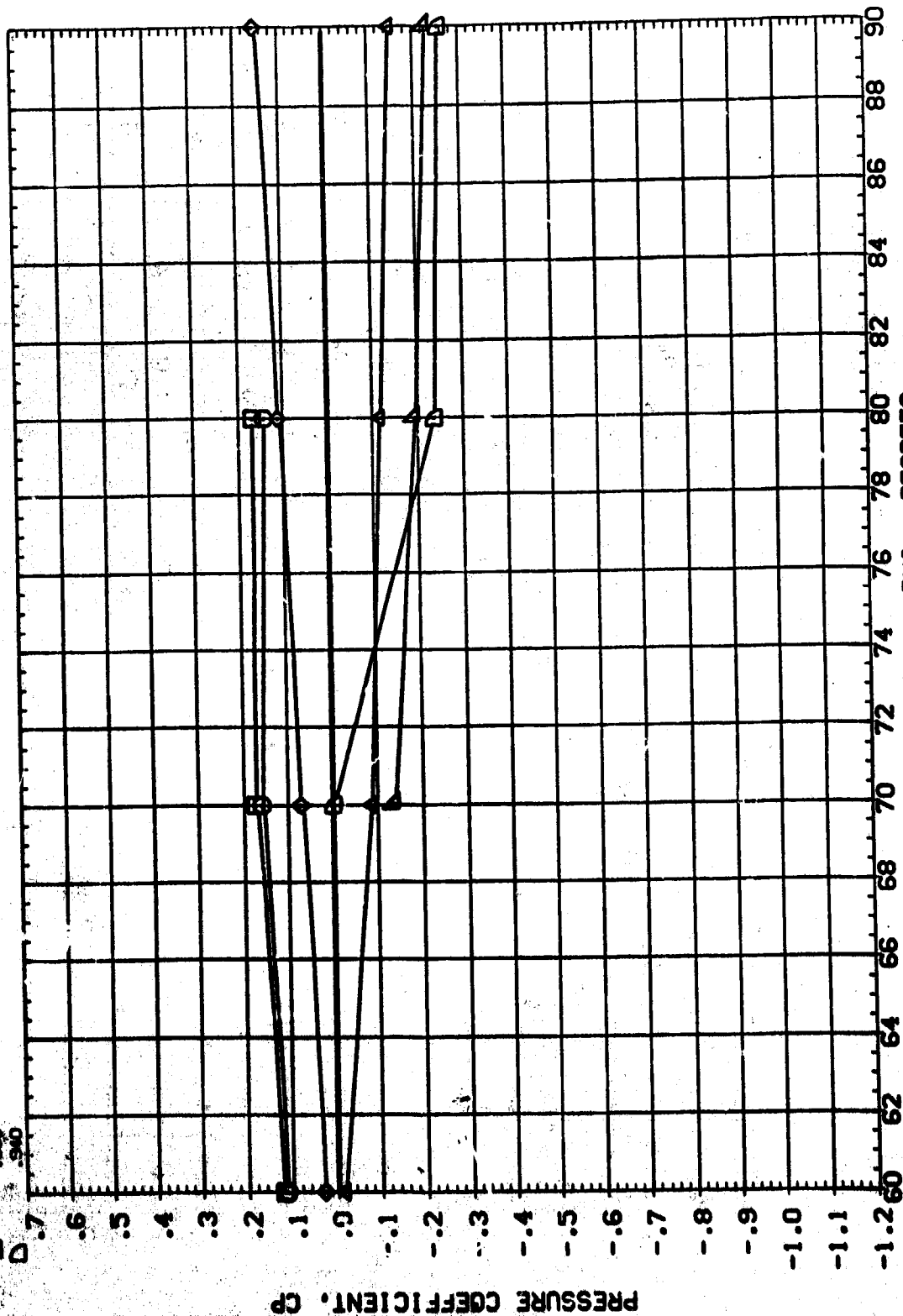


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
RADIAL POSITION . PHI . DEGREES

AMES 86-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RVL 4.000
 ELEVTR .000
 RUDDER .000

ALPHA 8.688
 MACH 1.130
 X/L .087
 .126
 .164
 .252
 .500
 .940

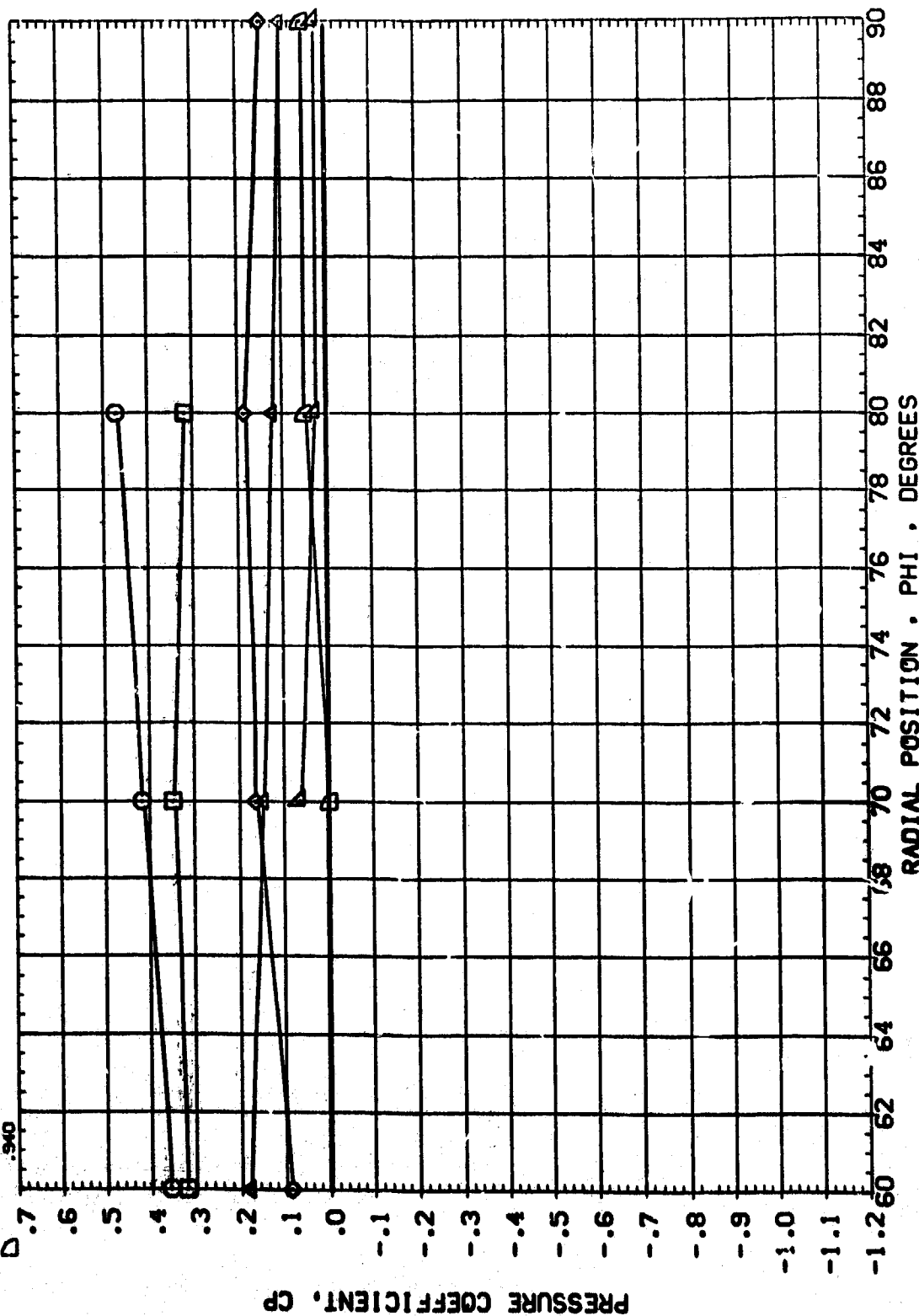


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.000

SYNO. VAL. ALPHA MACH
 .087 -8.410 1.250
 .126
 .164
 .862
 .900
 .940

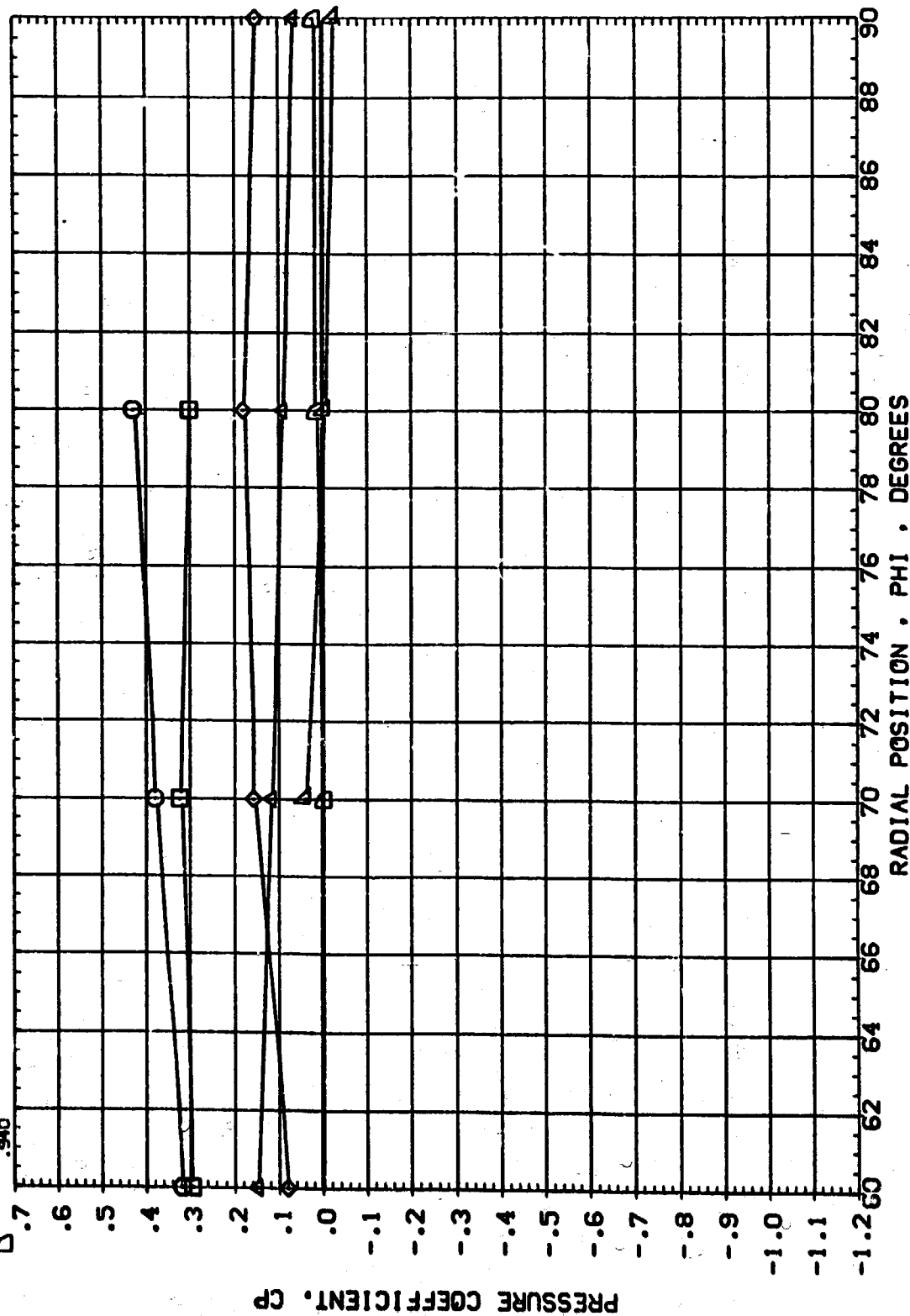


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 RN/L 4.000

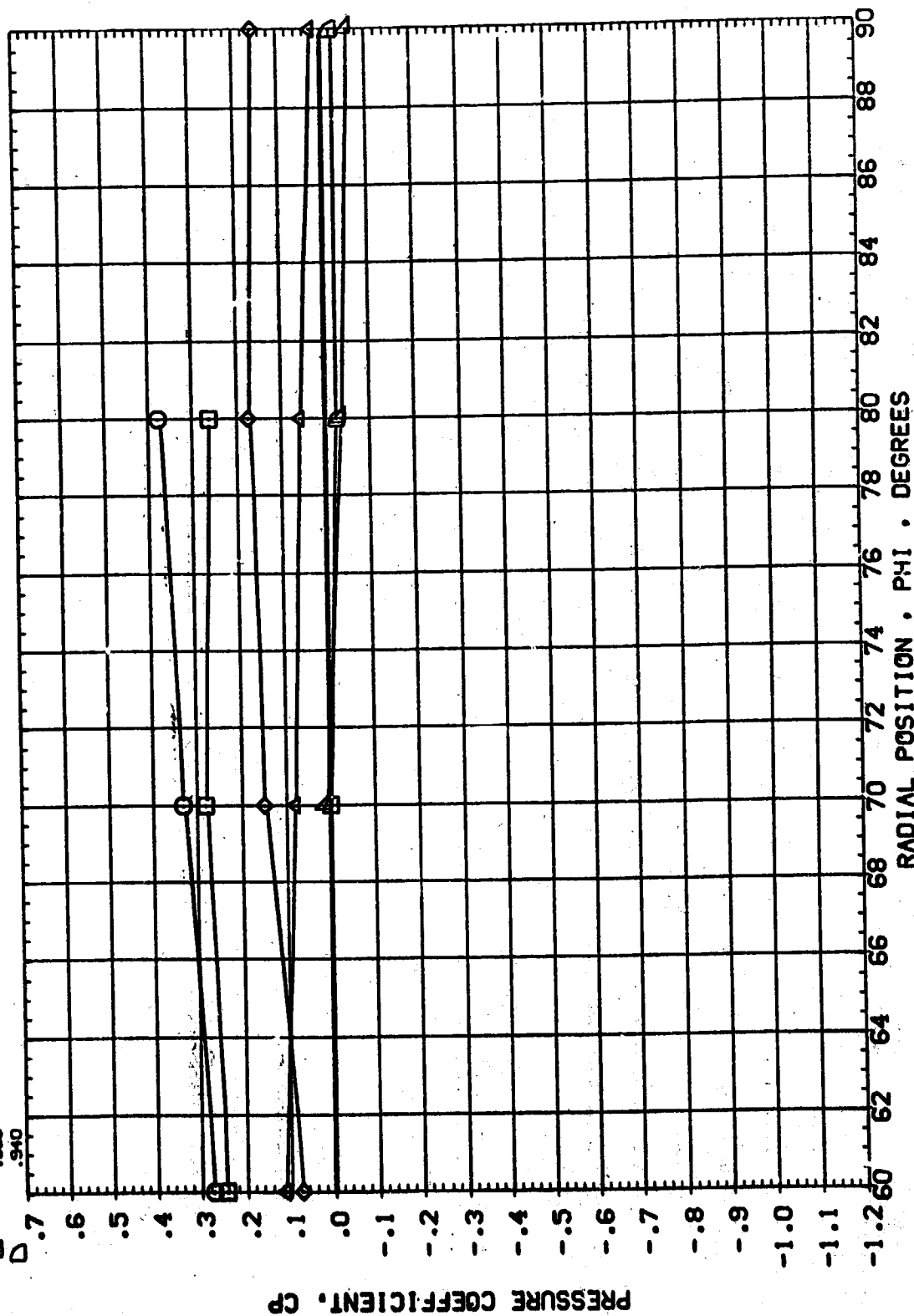
SYMBOL X/L ALPHA MACH
 .087
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	-4.112	1.250	AILRON	.000
◇	.126			R/VL	.000
△	.164				
▽	.862				
▽	.900				
▽	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

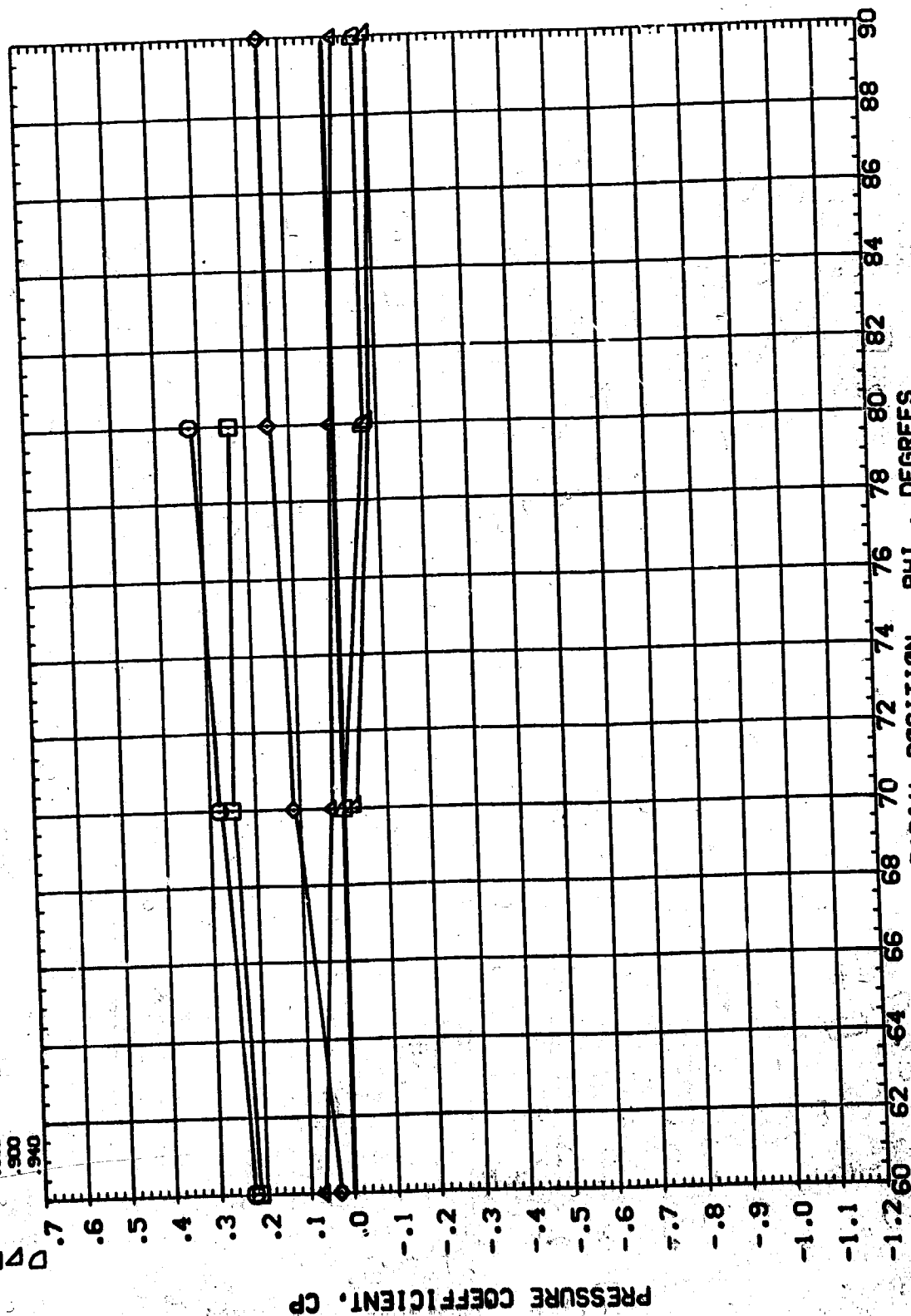
PARAMETRIC VALUES
 .000 ELEVTR .000
 .000 RUDDER .000
 4.000

BETA
 AILRON
 RNAL

ALPHA
 -2.036

MACH
 1.250

SYMBOL X/L
 .087
 .126
 .164
 .862
 .900
 .940

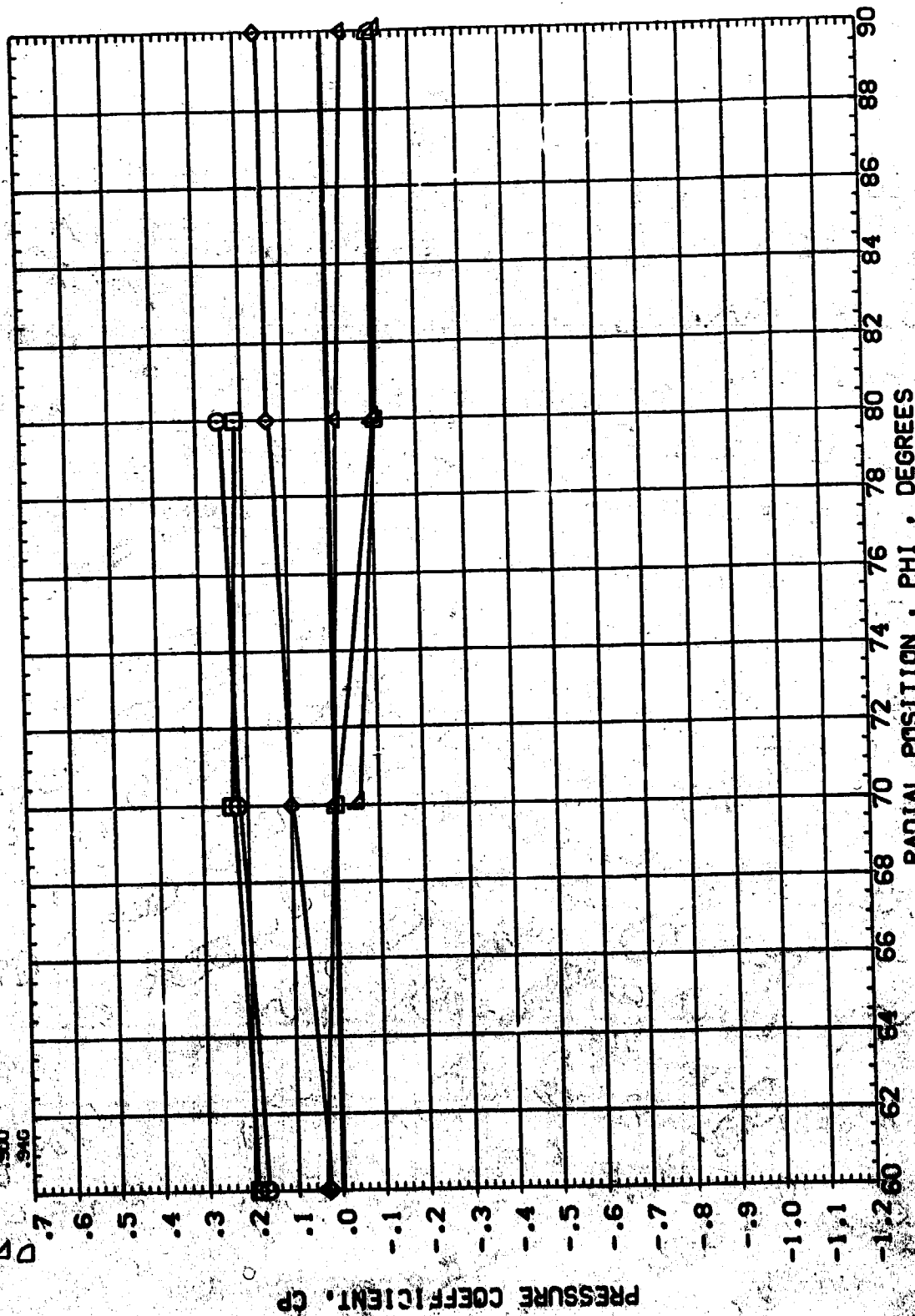


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.000

SPRCD XL ALPHA MACH
 .087 .123 1.250
 .126
 .164
 .852
 .900
 .940

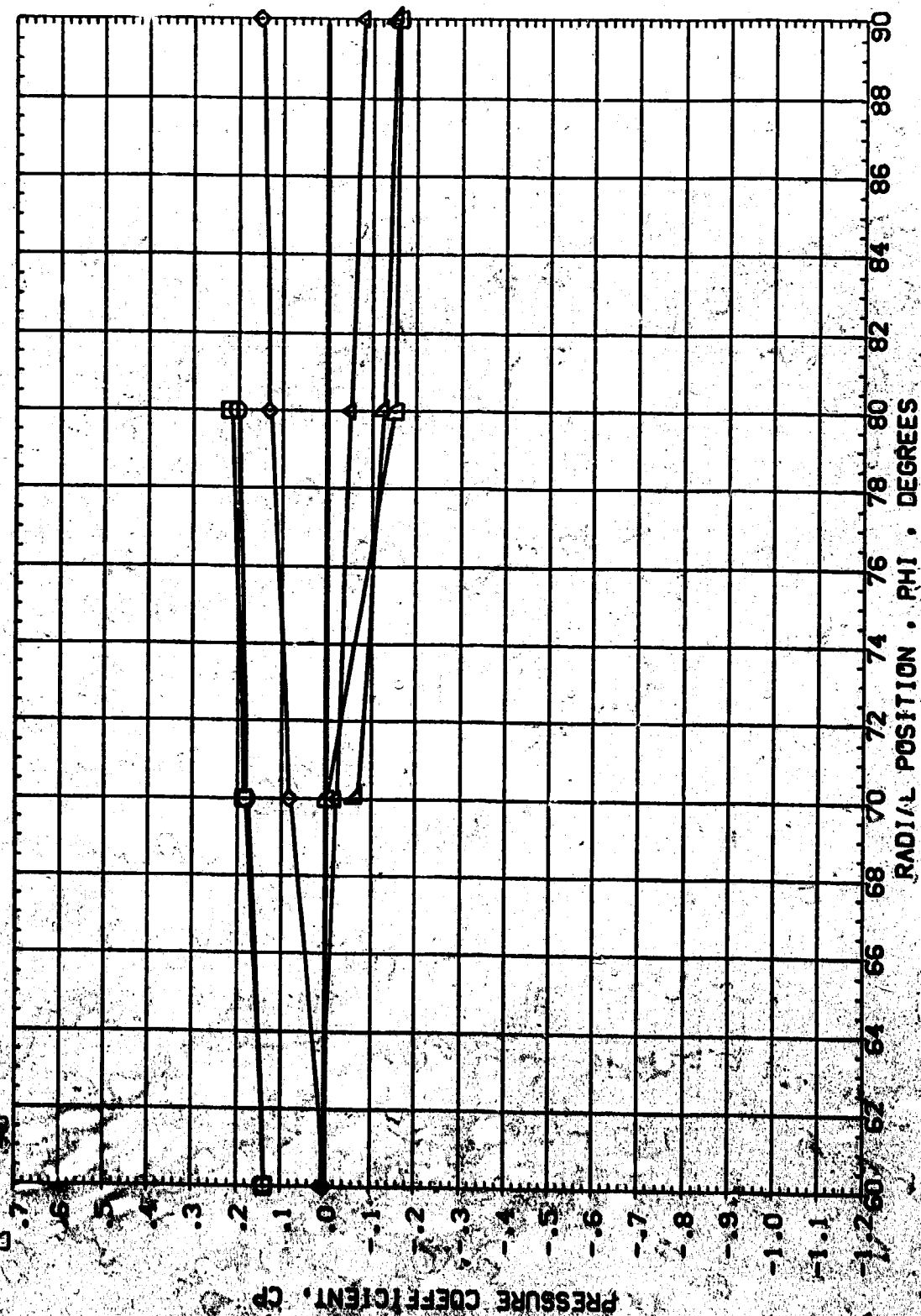


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RNVL 4.000

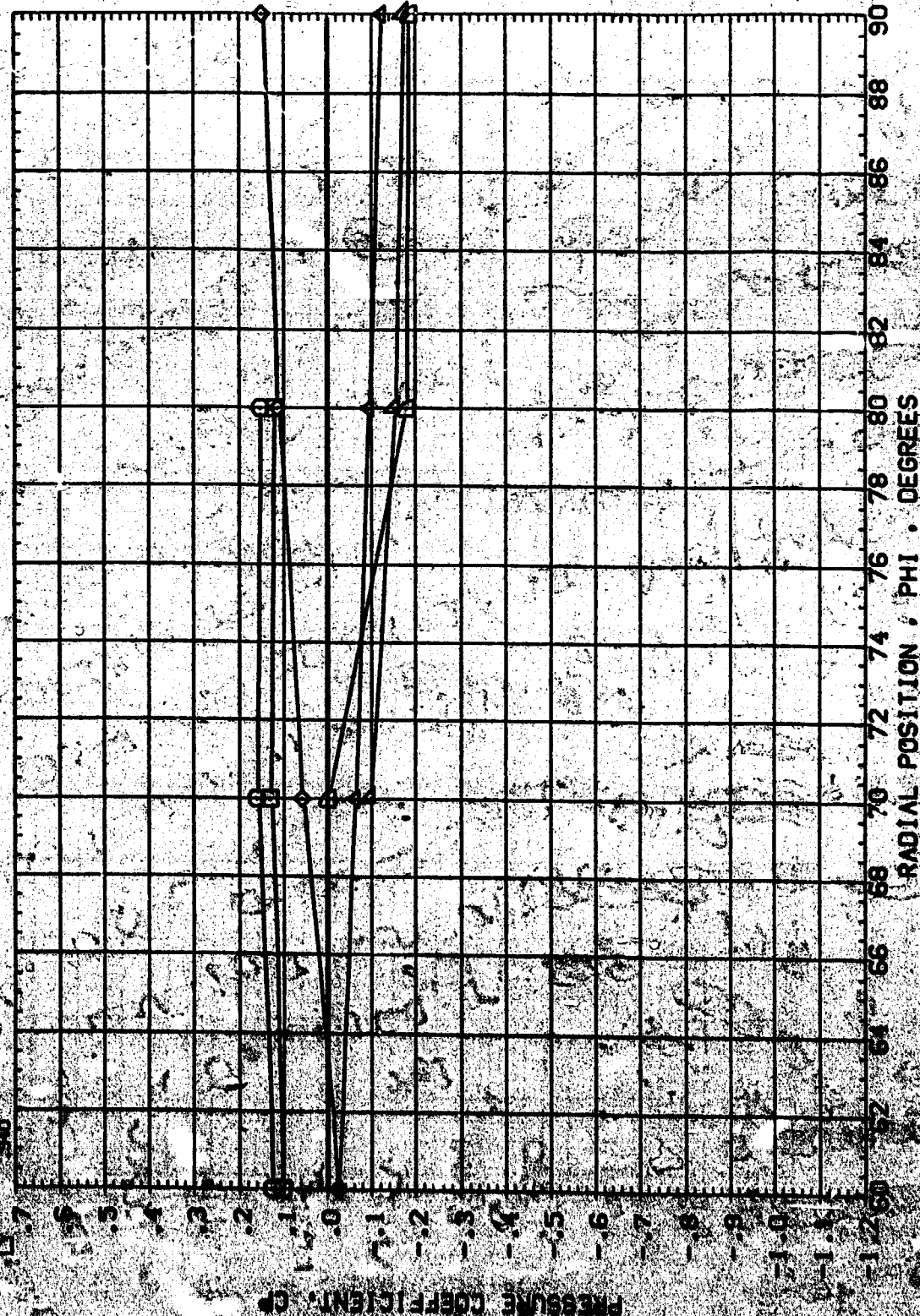
ALPHA 2.257 MACH 1.251
 X/L .087
 .125
 .164
 .202
 .240
 .278



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

WES 66-680 PRESSURE VENTING - INTEG. VEHICLE (REB00043)

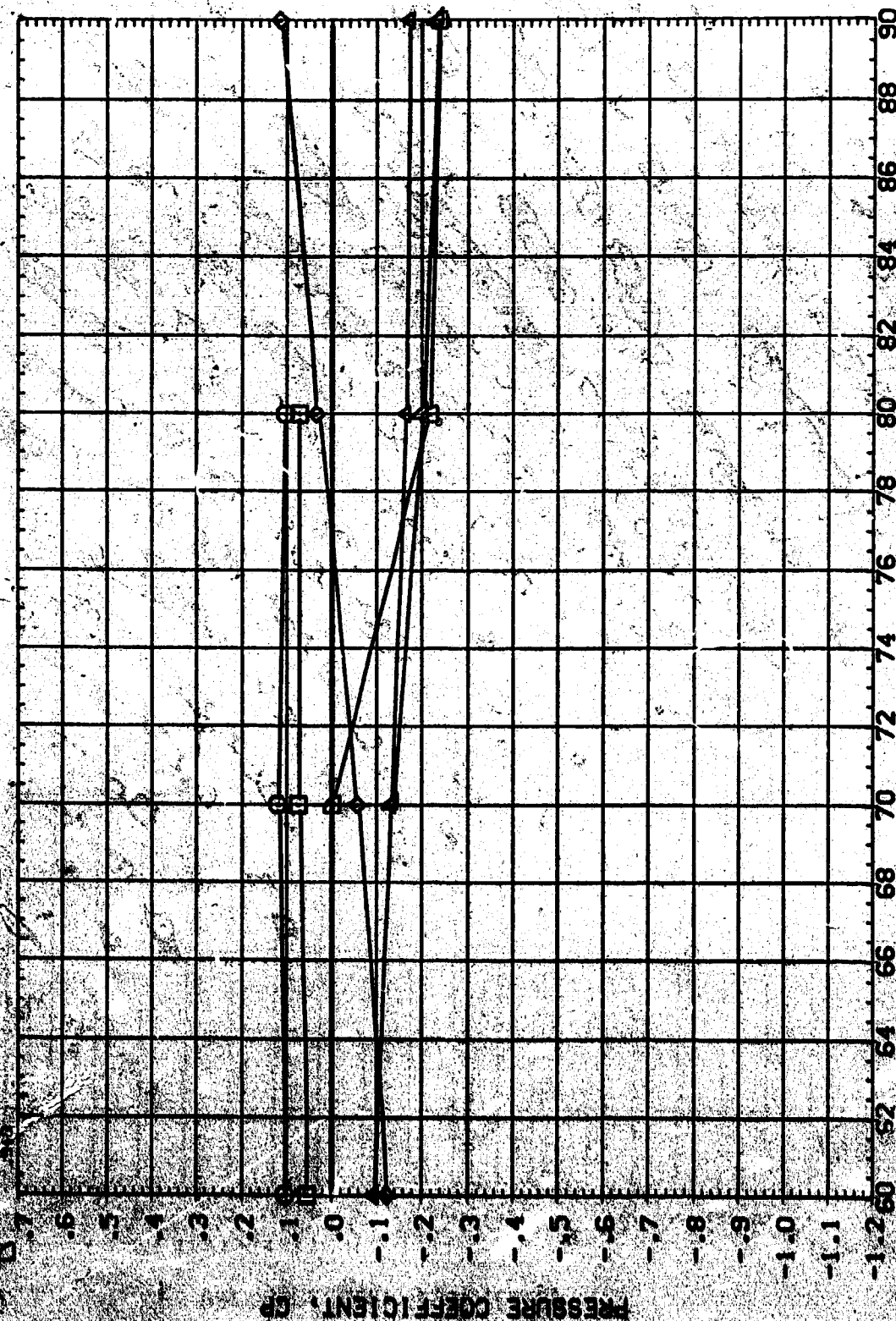
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 ELEVTR .000
 RUDDER .000
 RML 1.000



DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0041)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RVL 4.000
 ELEVTR .000
 RUDDER .000

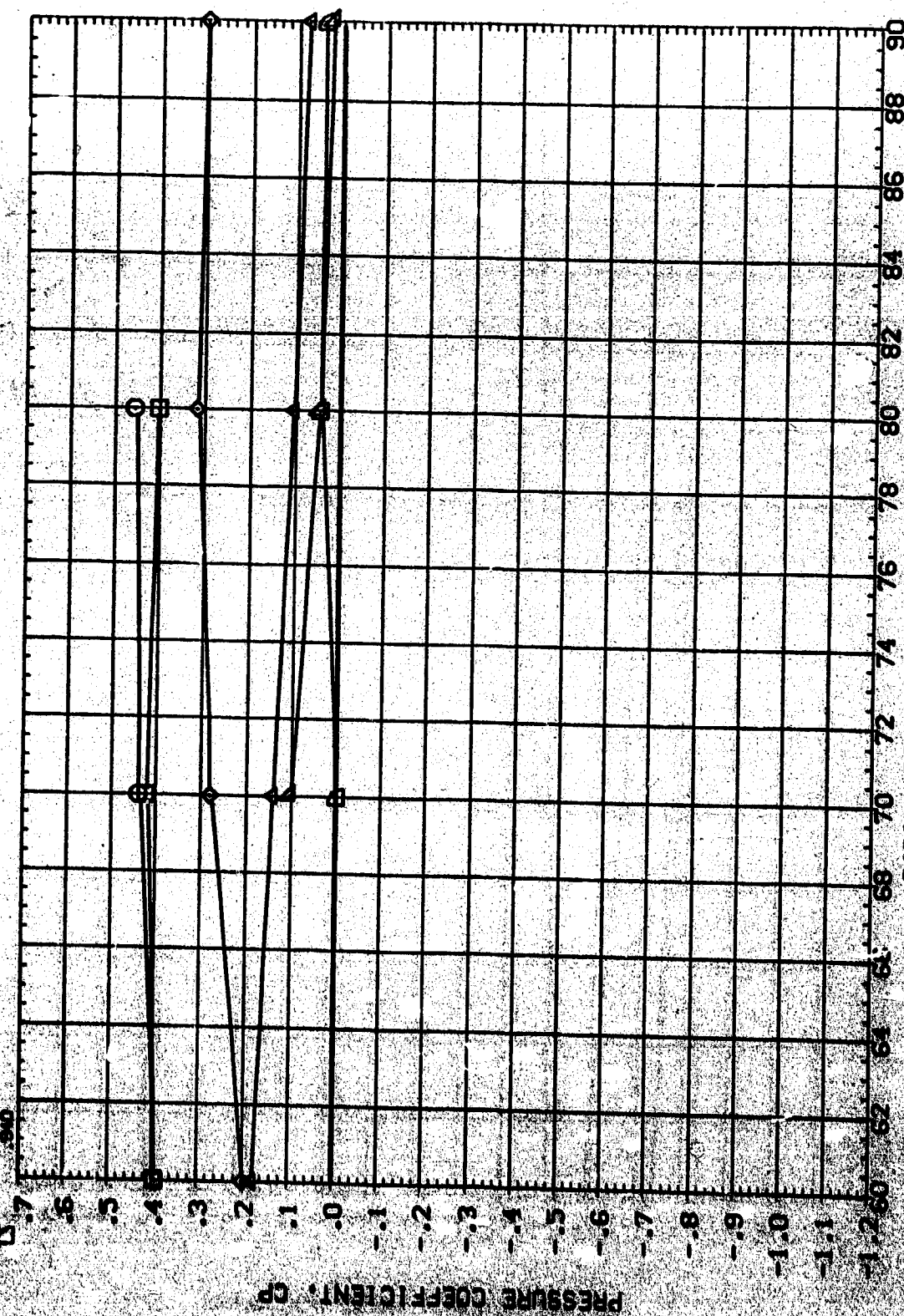


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL: \square \circ \triangle \diamond
 ALFA: .007
 BETA: .013
 ELEVTR: 1.500
 FLUDER: .000
 RVL: .000

PARAMETRIC VALUES
 BETA: .000
 ELEVTR: .000
 FLUDER: .000
 RVL: .000

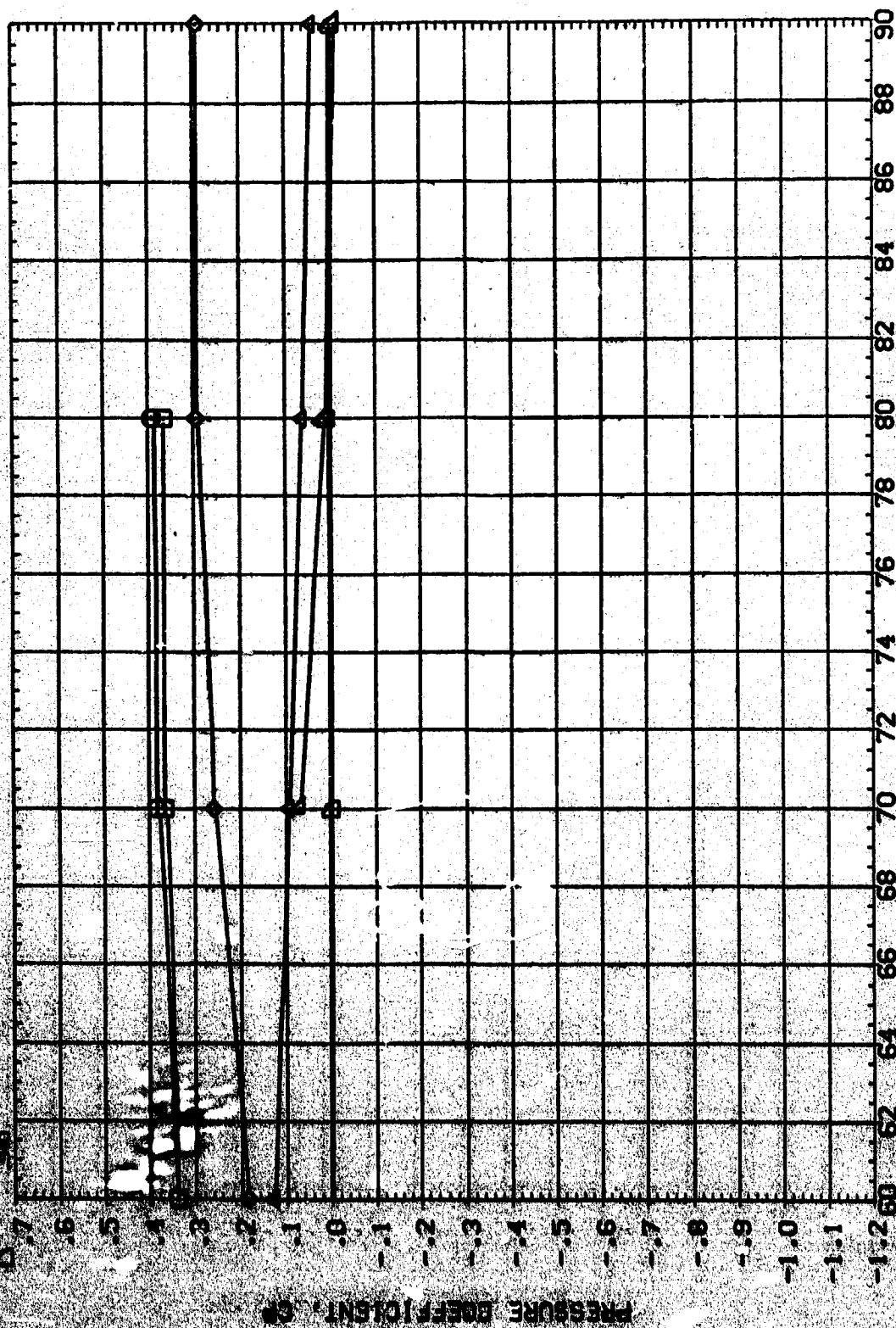


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

WIND ON-BOARD PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 ALLISON .000
 RVL 4.000
 ELEVTR .000
 RUDDER .000

0.000
 0.100
 0.200
 0.300
 0.400
 0.500
 0.600
 0.700
 0.800
 0.900
 1.000
 1.100
 1.200
 1.300
 1.400
 1.500

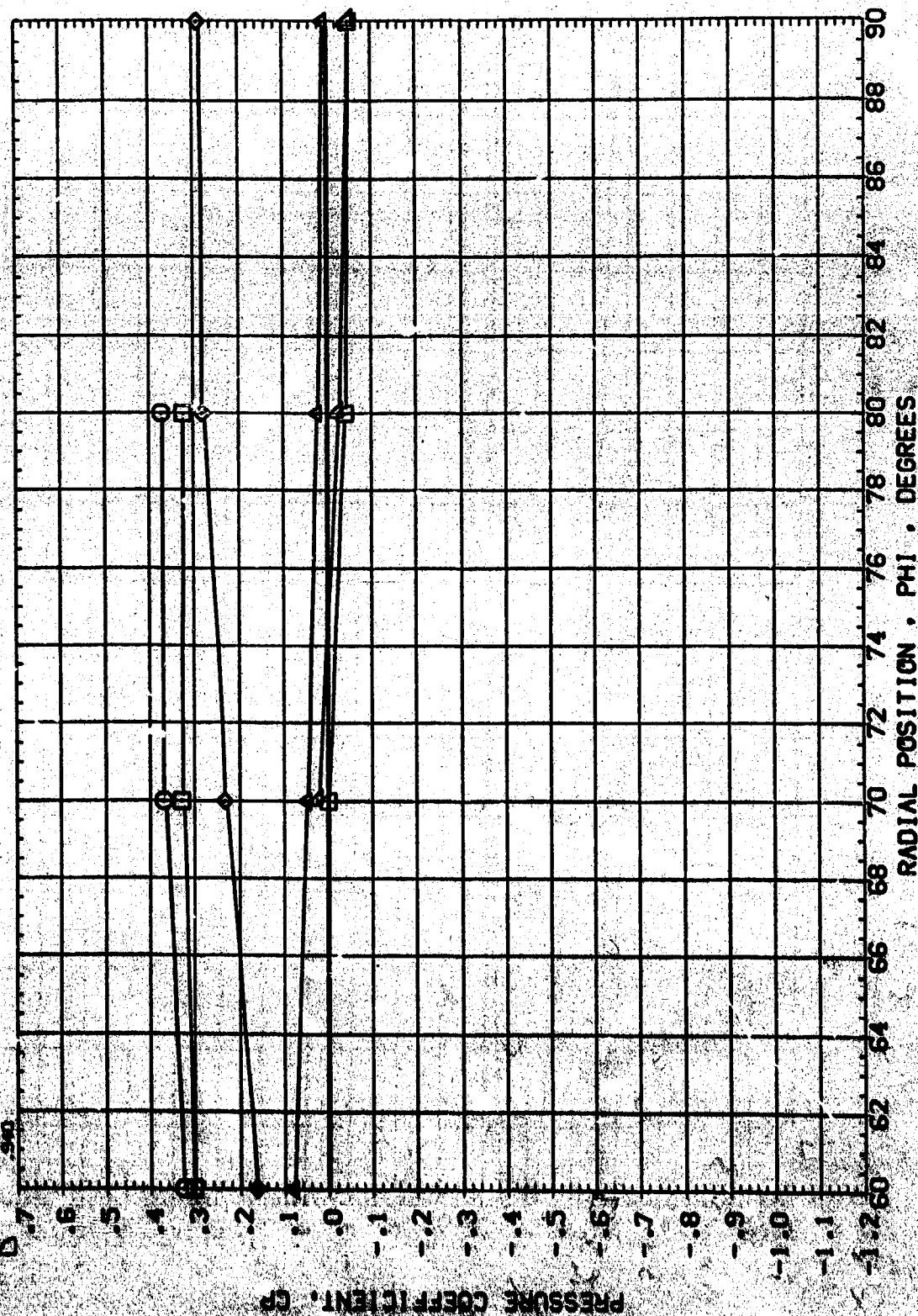


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION . PHI . DEGREES

ANES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RVL 4.000
 ELEVTR .000
 RUDDER .000

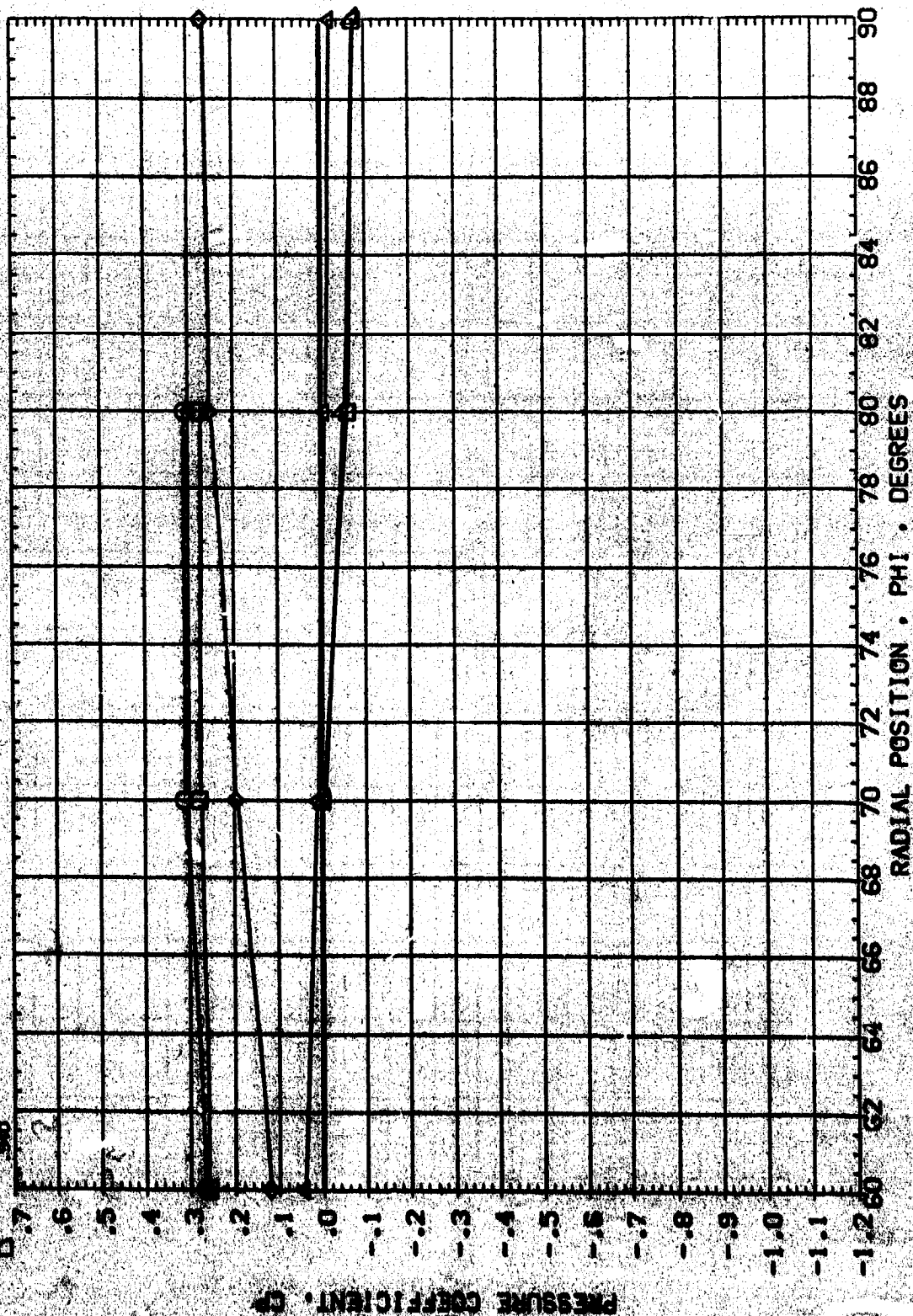
VAL ALPHA MOCH
 .007 -1.338 1.499
 .126
 .184
 .252
 .300
 .340



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

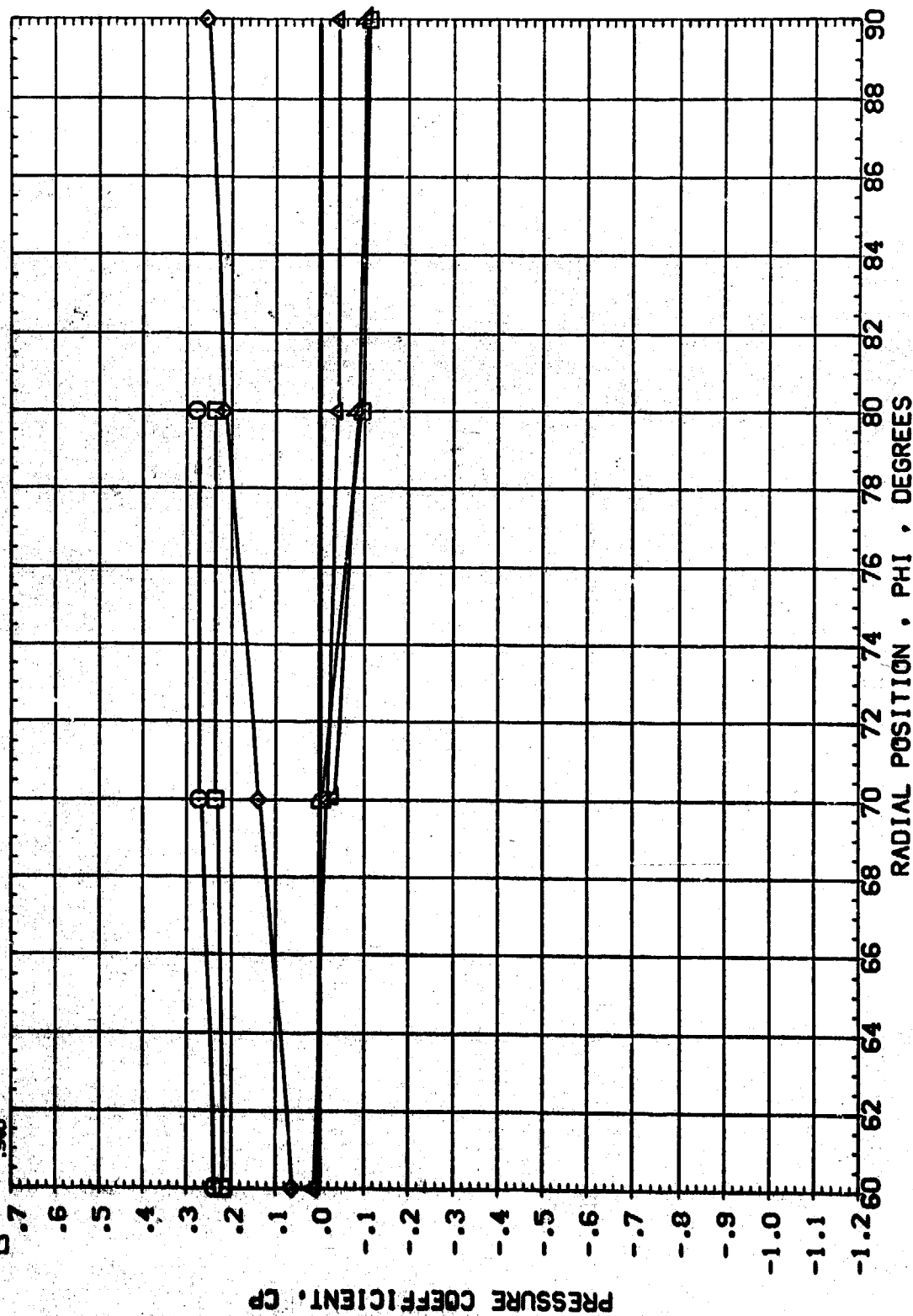
1007 1.000 1.501
 125 1.000 1.501
 154 1.000 1.501
 183 1.000 1.501
 200 1.000 1.501
 240 1.000 1.501



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66 630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	XL	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	-.027	1.499	AILRON	.000
◇	.126			RVL	.000
△	.164				4.000
▽	.262				
▽	.500				
▽	.940				

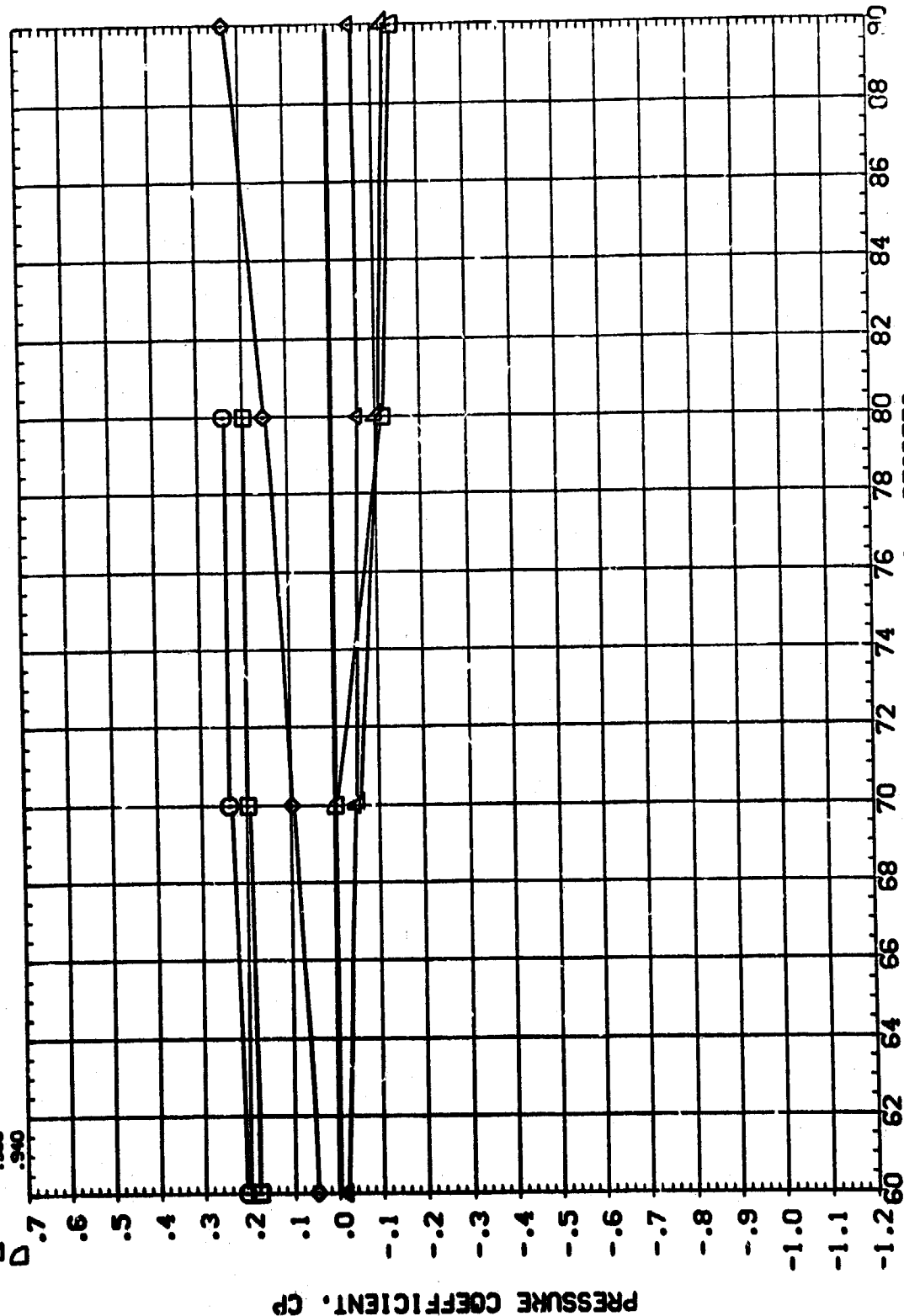


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RVAL 4.000
 ELEVTR .000
 RUOER .000

ALPHA MCH
 2.110 1.499
 X/L .087
 .126
 .164
 .862
 .900
 .940

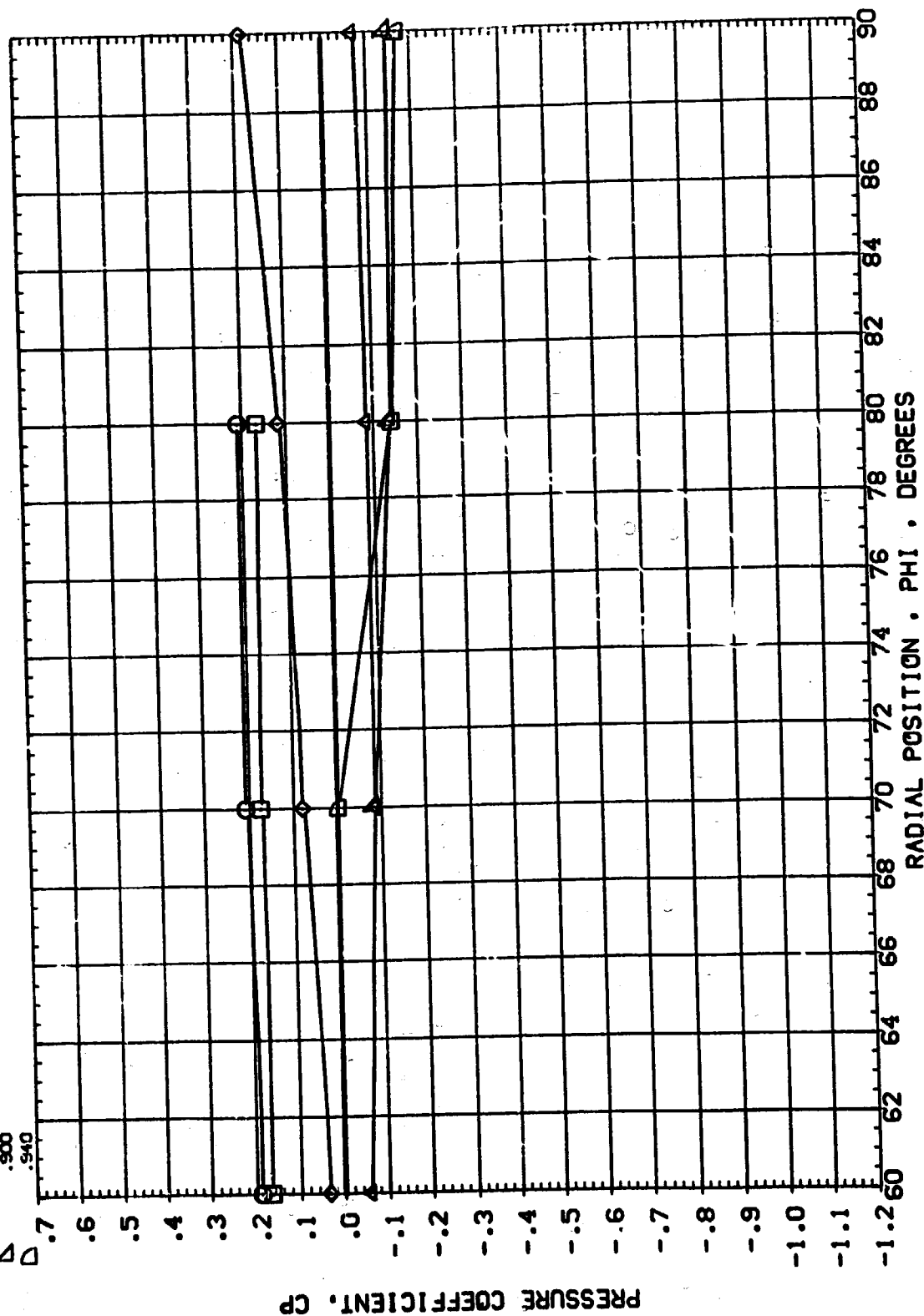


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.000

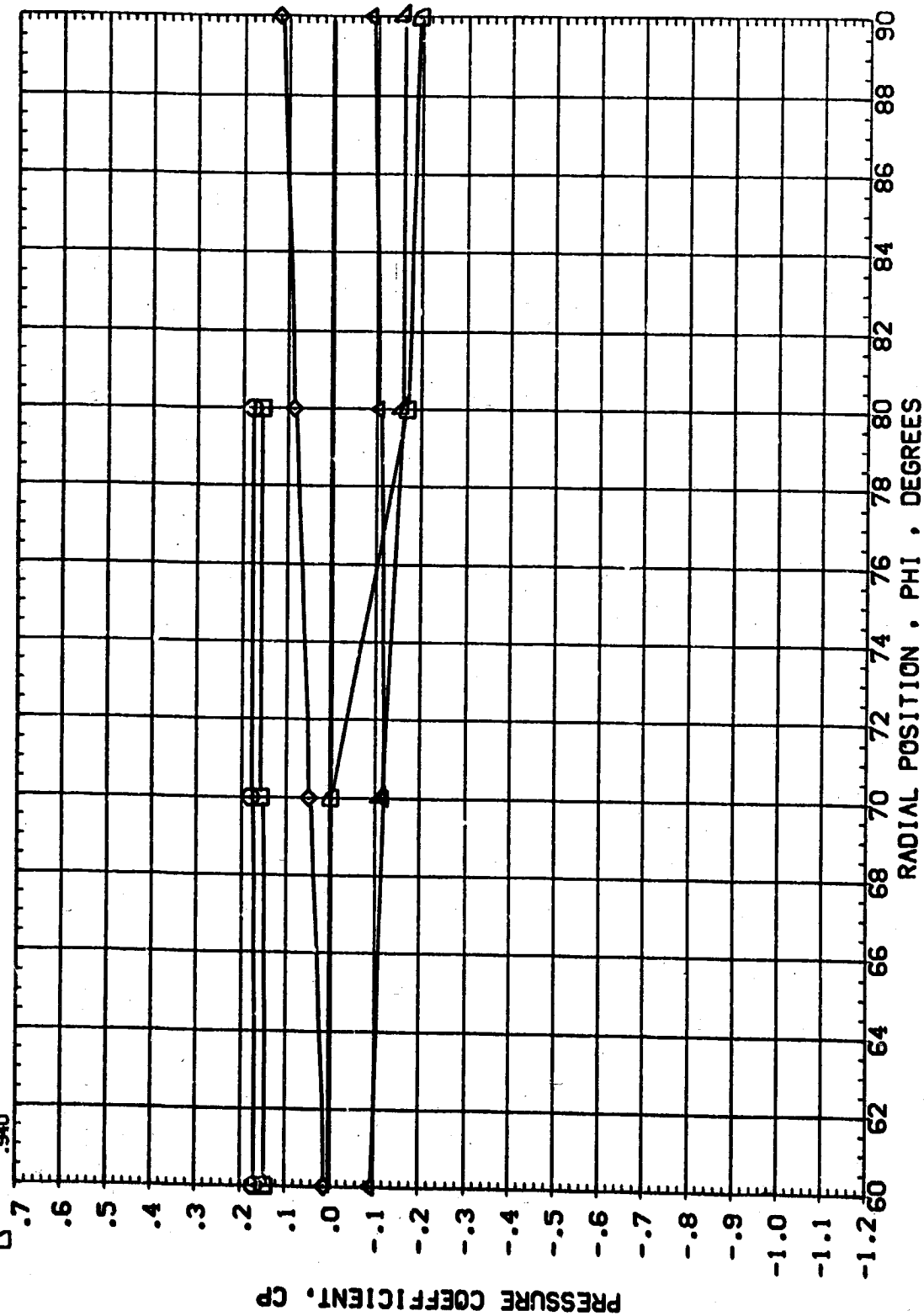
ALPHA 4.214
 MACH 1.500
 X/L .087
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

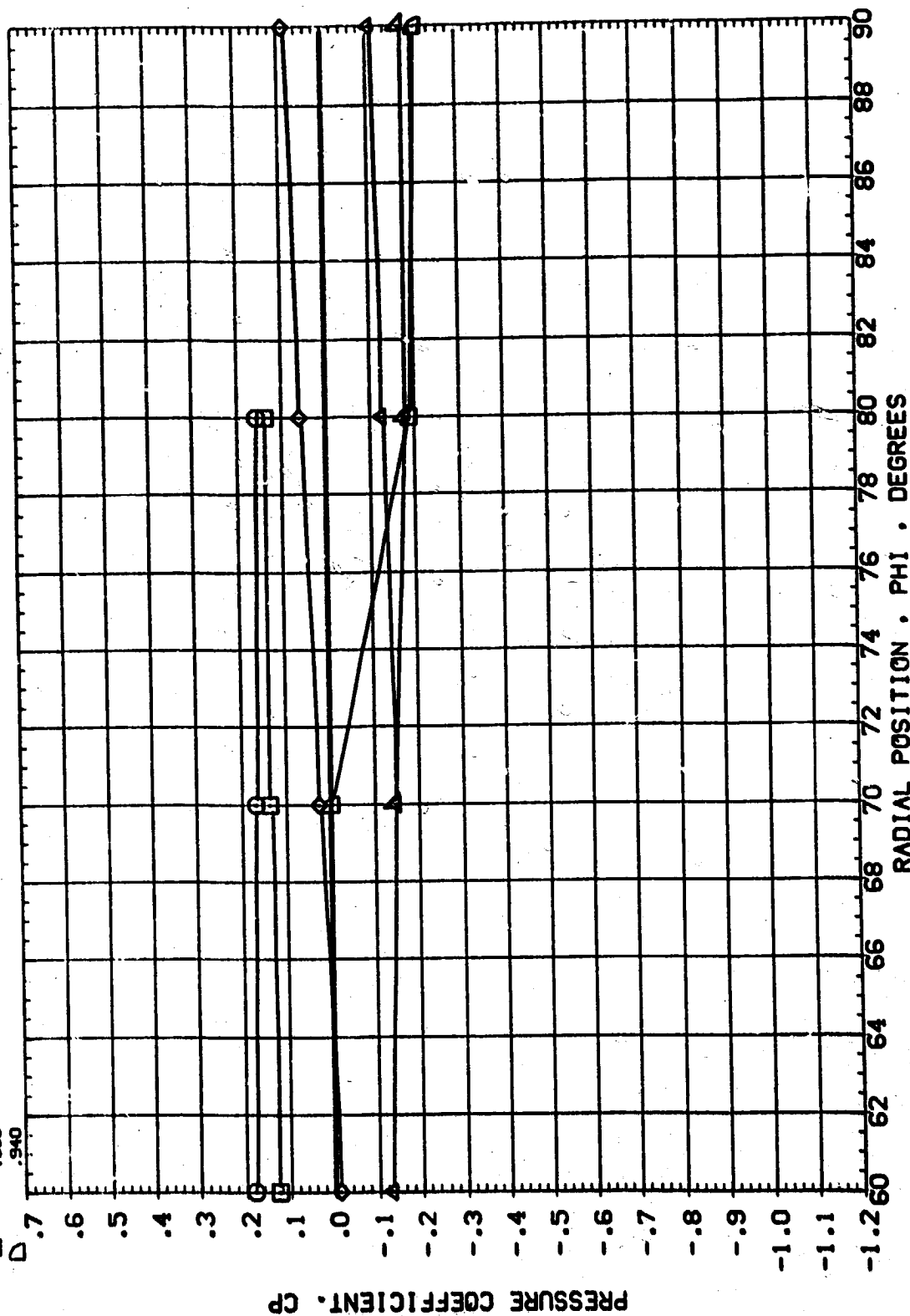
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	6.342	1.499	AILRON	.000
◇	.126			RUDDER	.000
△	.164				4.000
▽	.862				
▽	.900				
▽	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	8.493	1.499	.000	.000
◇	.126			.000	.000
△	.164			.000	.000
▽	.862			.000	.000
▽	.900			.000	.000
▽	.940			.000	.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

SWEPT ANGLE
 .087
 .126
 .164
 .652
 .900
 .940

ALPHA

MACH

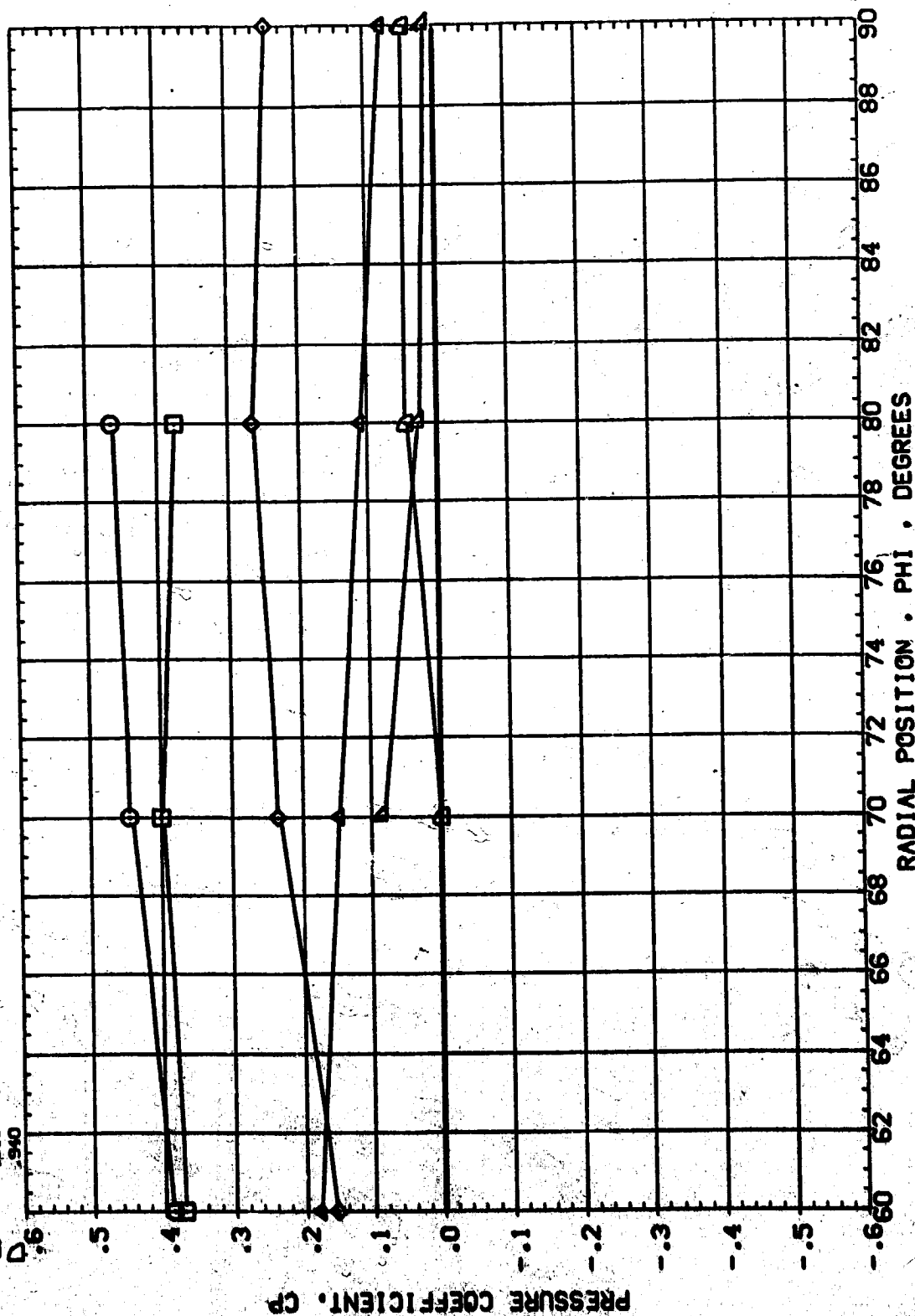
1.389

PARAMETRIC VALUES

BETA
 AILRON
 RN/L
 4.300

.000
 ELEVTR
 RUDDER
 .000

.000
 .000
 4.300

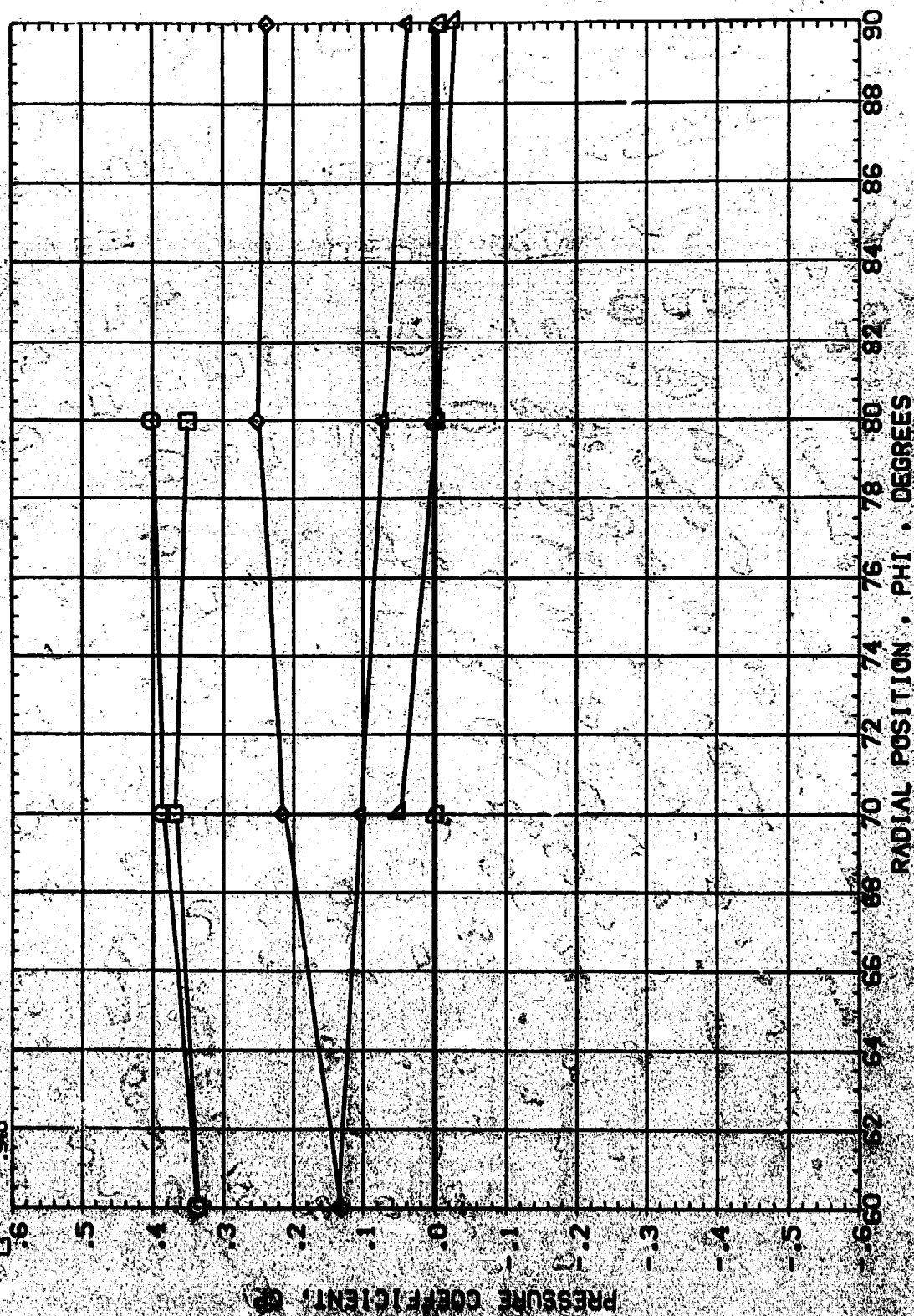


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

SWAGE	ALPHA	MACH
087	-6.463	1.101
126		
154		
162		
200		
240		

PARAMETRIC VALUES	
BETA	.000
WILSON	.000
RAUL	4.300

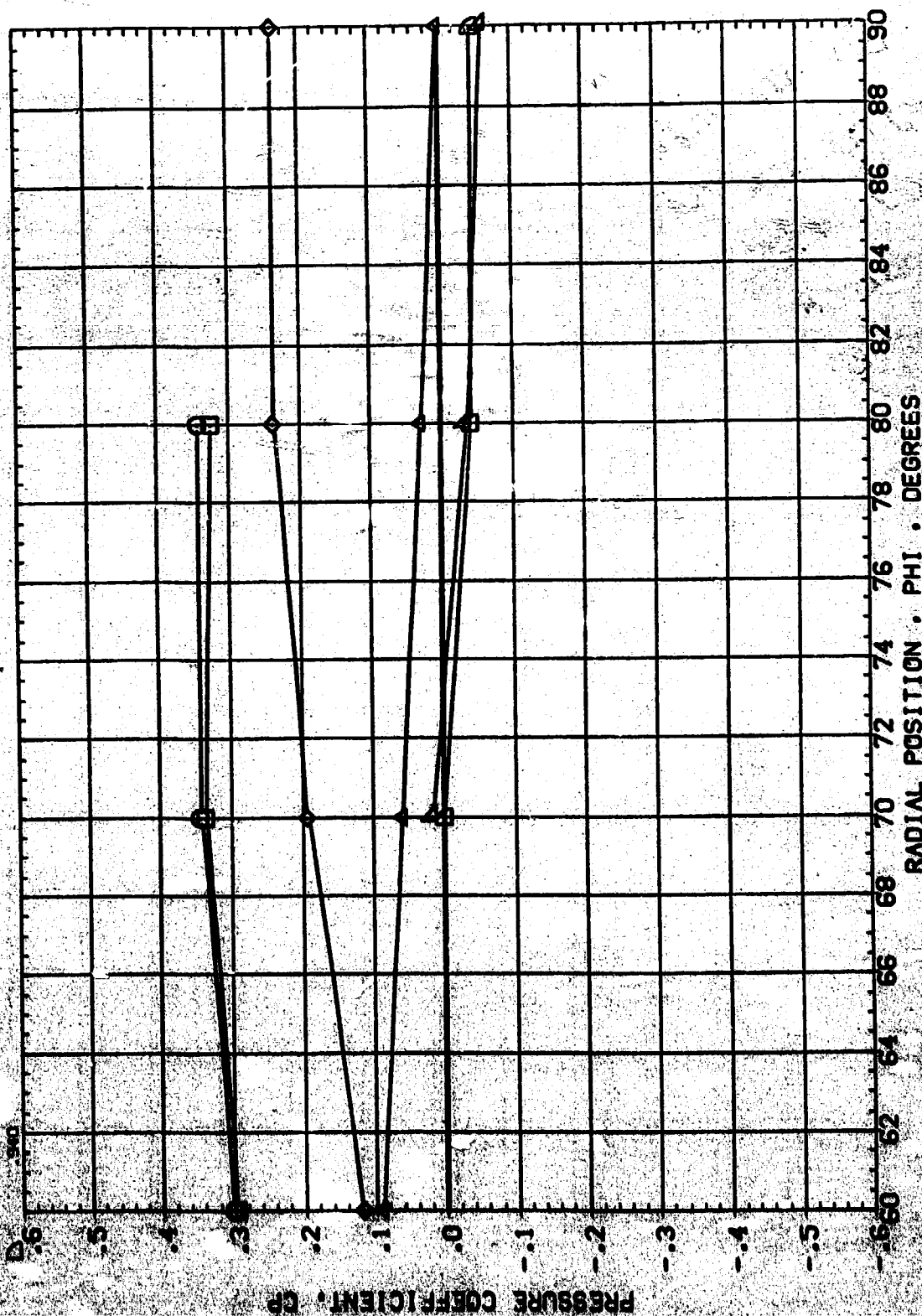


NUMERICAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0005)

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AIRRON .000 RUOOR .000
 RV/L 4.300

ALPHA MAGN
 .007
 .126
 .164
 .262
 .300
 .360

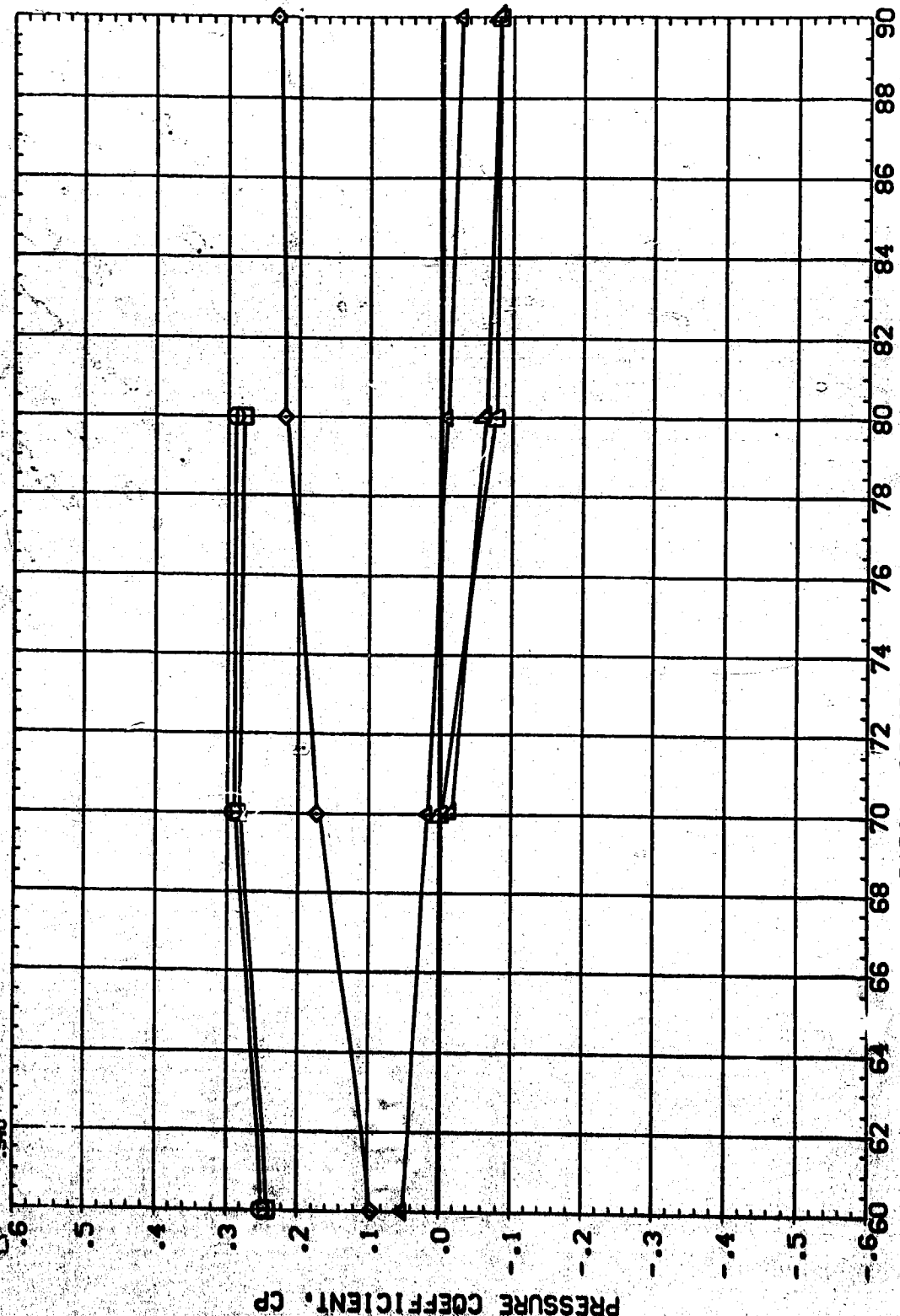


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0005)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 AILRON .000
 RWL 4.300

ST62 X/L ALPHA MACH
 .087 -2.126 1.399
 .126
 .164
 .862
 .900
 .940

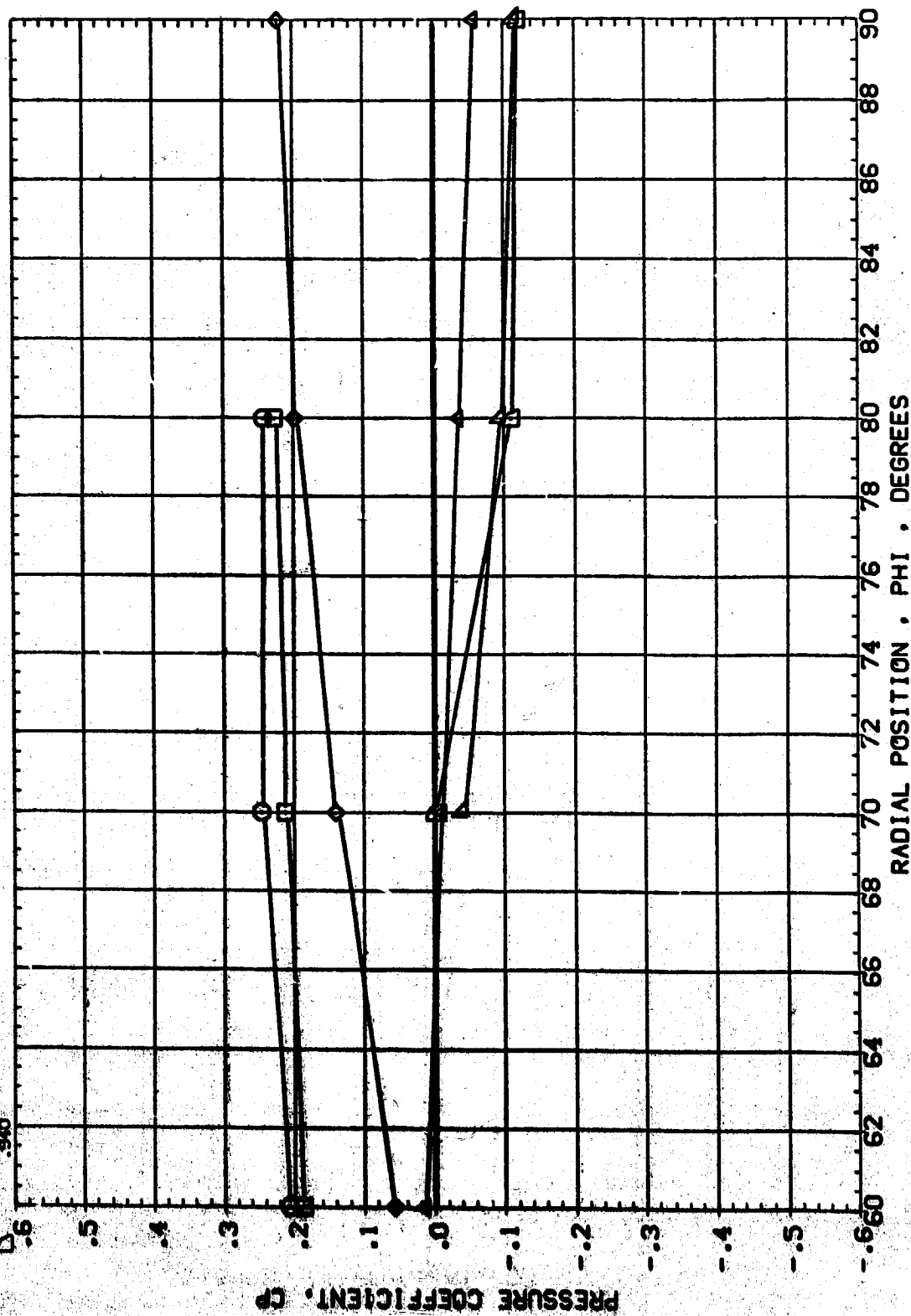


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 RV/L 4.300

SYMBOL X/L ALPHA MACH
 0 .087 .019 1.100
 1 .126
 2 .164
 3 .862
 4 .900
 5 .940

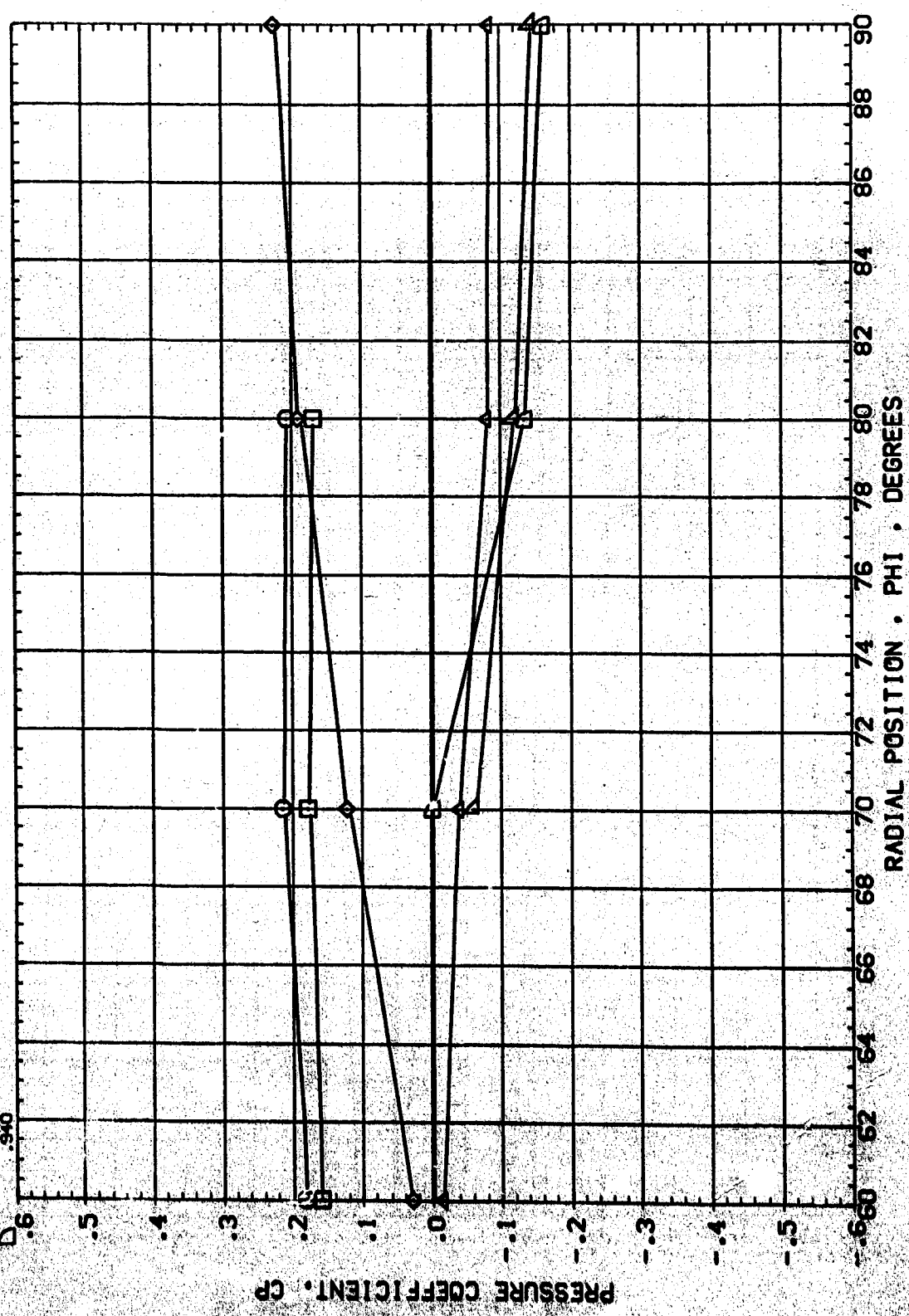


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RV/L 4.300
 ELEVTR .000
 RUDDER .000

SYMBOL X/L ALPHA-MACH
 .087 2.175 1.400
 .126
 .164
 .182
 .900
 .940

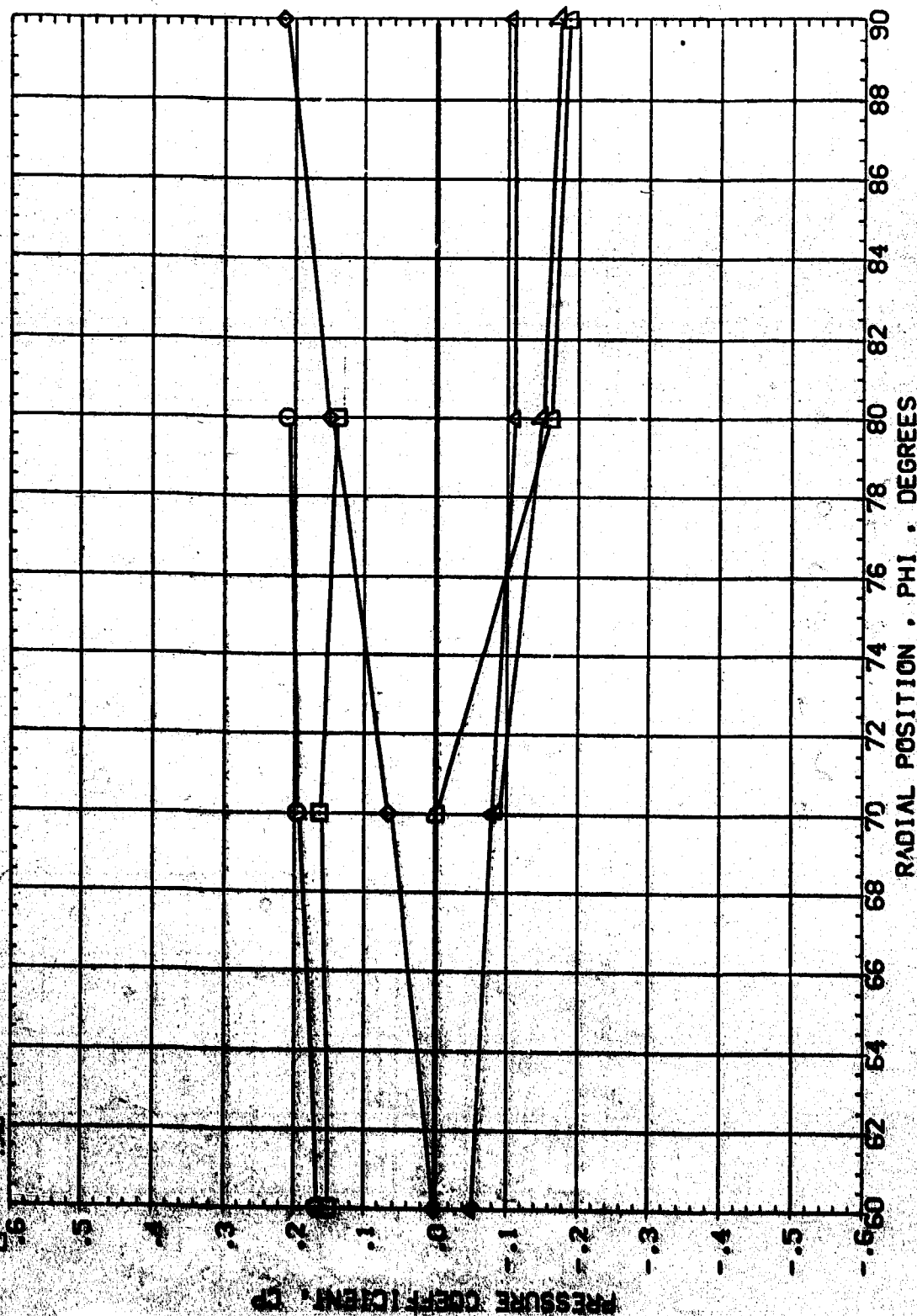


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0005)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RVL 4.300
 ELEVTR .000
 RUDDER .000

STRO. VAL. FLOW MACH
 .007 .0005 1.400
 .125 .0005 1.400
 .151 .0005 1.400
 .162 .0005 1.400
 .200 .0005 1.400
 .240 .0005 1.400

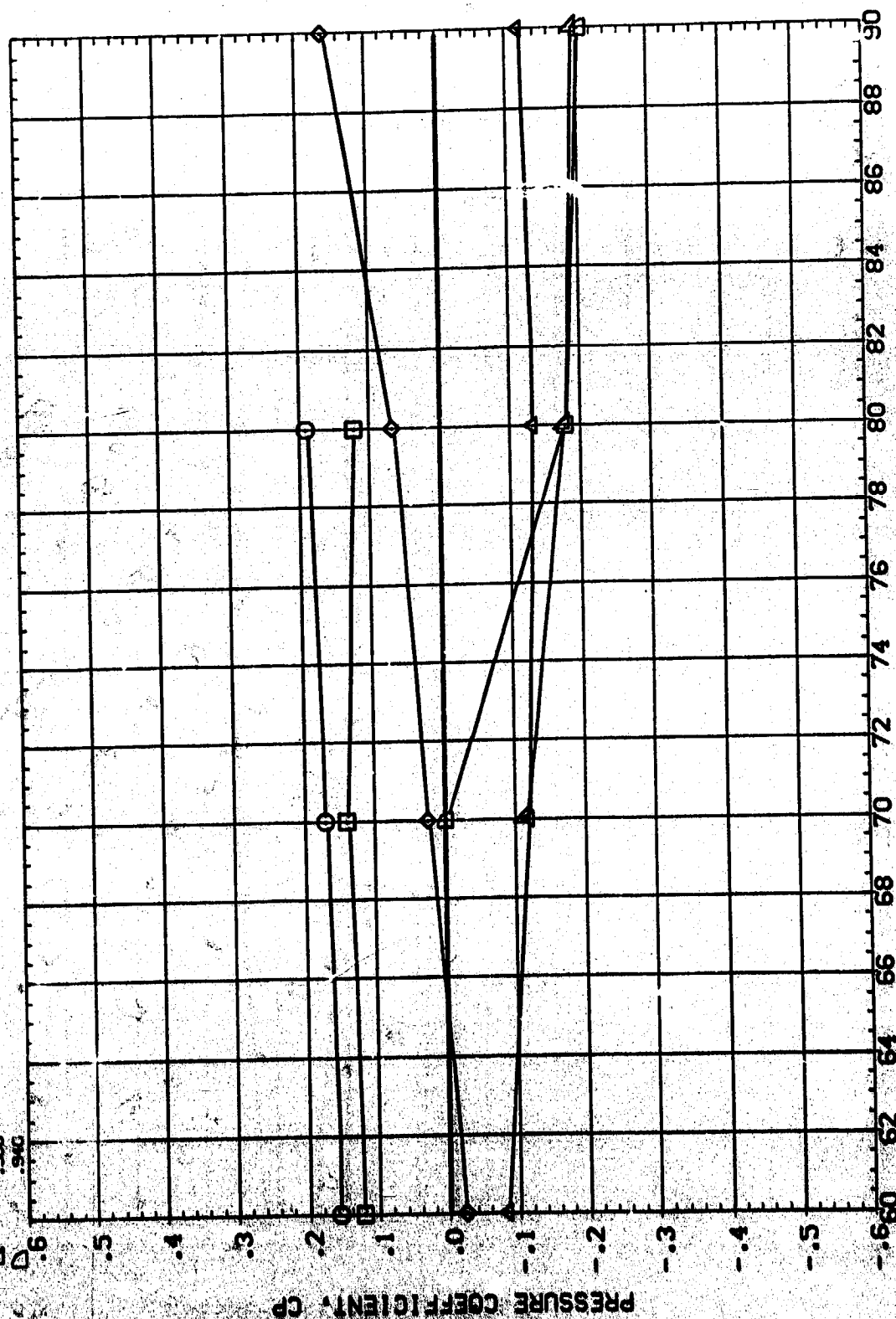


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.300

SWED. X/L .087
 .126
 .164
 .202
 .240
 .278
 .316
 .354
 .392
 .430
 .468
 .506
 .544
 .582
 .620
 .658
 .696
 .734
 .772
 .810
 .848
 .886
 .924
 .962
 .999
 1.037
 1.075
 1.113
 1.151
 1.189
 1.227
 1.265
 1.303
 1.341
 1.379
 1.417
 1.455
 1.493
 1.531
 1.569
 1.607
 1.645
 1.683
 1.721
 1.759
 1.797
 1.835
 1.873
 1.911
 1.949
 1.987
 2.025
 2.063
 2.101
 2.139
 2.177
 2.215
 2.253
 2.291
 2.329
 2.367
 2.405
 2.443
 2.481
 2.519
 2.557
 2.595
 2.633
 2.671
 2.709
 2.747
 2.785
 2.823
 2.861
 2.899
 2.937
 2.975
 3.013
 3.051
 3.089
 3.127
 3.165
 3.203
 3.241
 3.279
 3.317
 3.355
 3.393
 3.431
 3.469
 3.507
 3.545
 3.583
 3.621
 3.659
 3.697
 3.735
 3.773
 3.811
 3.849
 3.887
 3.925
 3.963
 4.001
 4.039
 4.077
 4.115
 4.153
 4.191
 4.229
 4.267
 4.305
 4.343
 4.381
 4.419
 4.457
 4.495
 4.533
 4.571
 4.609
 4.647
 4.685
 4.723
 4.761
 4.799
 4.837
 4.875
 4.913
 4.951
 4.989
 5.027
 5.065
 5.103
 5.141
 5.179
 5.217
 5.255
 5.293
 5.331
 5.369
 5.407
 5.445
 5.483
 5.521
 5.559
 5.597
 5.635
 5.673
 5.711
 5.749
 5.787
 5.825
 5.863
 5.901
 5.939
 5.977
 6.015
 6.053
 6.091
 6.129
 6.167
 6.205
 6.243
 6.281
 6.319
 6.357
 6.395
 6.433
 6.471
 6.509
 6.547
 6.585
 6.623
 6.661
 6.699
 6.737
 6.775
 6.813
 6.851
 6.889
 6.927
 6.965
 7.003
 7.041
 7.079
 7.117
 7.155
 7.193
 7.231
 7.269
 7.307
 7.345
 7.383
 7.421
 7.459
 7.497
 7.535
 7.573
 7.611
 7.649
 7.687
 7.725
 7.763
 7.801
 7.839
 7.877
 7.915
 7.953
 7.991
 8.029
 8.067
 8.105
 8.143
 8.181
 8.219
 8.257
 8.295
 8.333
 8.371
 8.409
 8.447
 8.485
 8.523
 8.561
 8.599
 8.637
 8.675
 8.713
 8.751
 8.789
 8.827
 8.865
 8.903
 8.941
 8.979
 9.017
 9.055
 9.093
 9.131
 9.169
 9.207
 9.245
 9.283
 9.321
 9.359
 9.397
 9.435
 9.473
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 9.549
 9.587
 9.625
 9.663
 9.701
 9.739
 9.777
 9.815
 9.853
 9.891
 9.929
 9.967
 10.005
 10.043
 10.081
 10.119
 10.157
 10.195
 10.233
 10.271
 10.309
 10.347
 10.385
 10.423
 10.461
 10.499
 10.537
 10.575
 10.613
 10.651
 10.689
 10.727
 10.765
 10.803
 10.841
 10.879
 10.917
 10.955
 10.993
 11.031
 11.069
 11.107
 11.145
 11.183
 11.221
 11.259
 11.297
 11.335
 11.373
 11.411
 11.449
 11.487
 11.525
 11.563
 11.601
 11.639
 11.677
 11.715
 11.753
 11.791
 11.829
 11.867
 11.905
 11.943
 11.981
 12.019
 12.057
 12.095
 12.133
 12.171
 12.209
 12.247
 12.285
 12.323
 12.361
 12.399
 12.437
 12.475
 12.513
 12.551
 12.589
 12.627
 12.665
 12.703
 12.741
 12.779
 12.817
 12.855
 12.893
 12.931
 12.969
 13.007
 13.045
 13.083
 13.121
 13.159
 13.197
 13.235
 13.273
 13.311
 13.349
 13.387
 13.425
 13.463
 13.501
 13.539
 13.577
 13.615
 13.653
 13.691
 13.729
 13.767
 13.805
 13.843
 13.881
 13.919
 13.957
 13.995
 14.033
 14.071
 14.109
 14.147
 14.185
 14.223
 14.261
 14.299
 14.337
 14.375
 14.413
 14.451
 14.489
 14.527
 14.565
 14.603
 14.641
 14.679
 14.717
 14.755
 14.793
 14.831
 14.869
 14.907
 14.945
 14.983
 15.021
 15.059
 15.097
 15.135
 15.173
 15.211
 15.249
 15.287
 15.325
 15.363
 15.401
 15.439
 15.477
 15.515
 15.553
 15.591
 15.629
 15.667
 15.705
 15.743
 15.781
 15.819
 15.857
 15.895
 15.933
 15.971
 16.009
 16.047
 16.085
 16.123
 16.161
 16.199
 16.237
 16.275
 16.313
 16.351
 16.389
 16.427
 16.465
 16.503
 16.541
 16.579
 16.617
 16.655
 16.693
 16.731
 16.769
 16.807
 16.845
 16.883
 16.921
 16.959
 16.997
 17.035
 17.073
 17.111
 17.149
 17.187
 17.225
 17.263
 17.301
 17.339
 17.377
 17.415
 17.453
 17.491
 17.529
 17.567
 17.605
 17.643
 17.681
 17.719
 17.757
 17.795
 17.833
 17.871
 17.909
 17.947
 17.985
 18.023
 18.061
 18.099
 18.137
 18.175
 18.213
 18.251
 18.289
 18.327
 18.365
 18.403
 18.441
 18.479
 18.517
 18.555
 18.593
 18.631
 18.669
 18.707
 18.745
 18.783
 18.821
 18.859
 18.897
 18.935
 18.973
 19.011
 19.049
 19.087
 19.125
 19.163
 19.201
 19.239
 19.277
 19.315
 19.353
 19.391
 19.429
 19.467
 19.505
 19.543
 19.581
 19.619
 19.657
 19.695
 19.733
 19.771
 19.809
 19.847
 19.885
 19.923
 19.961
 20.000

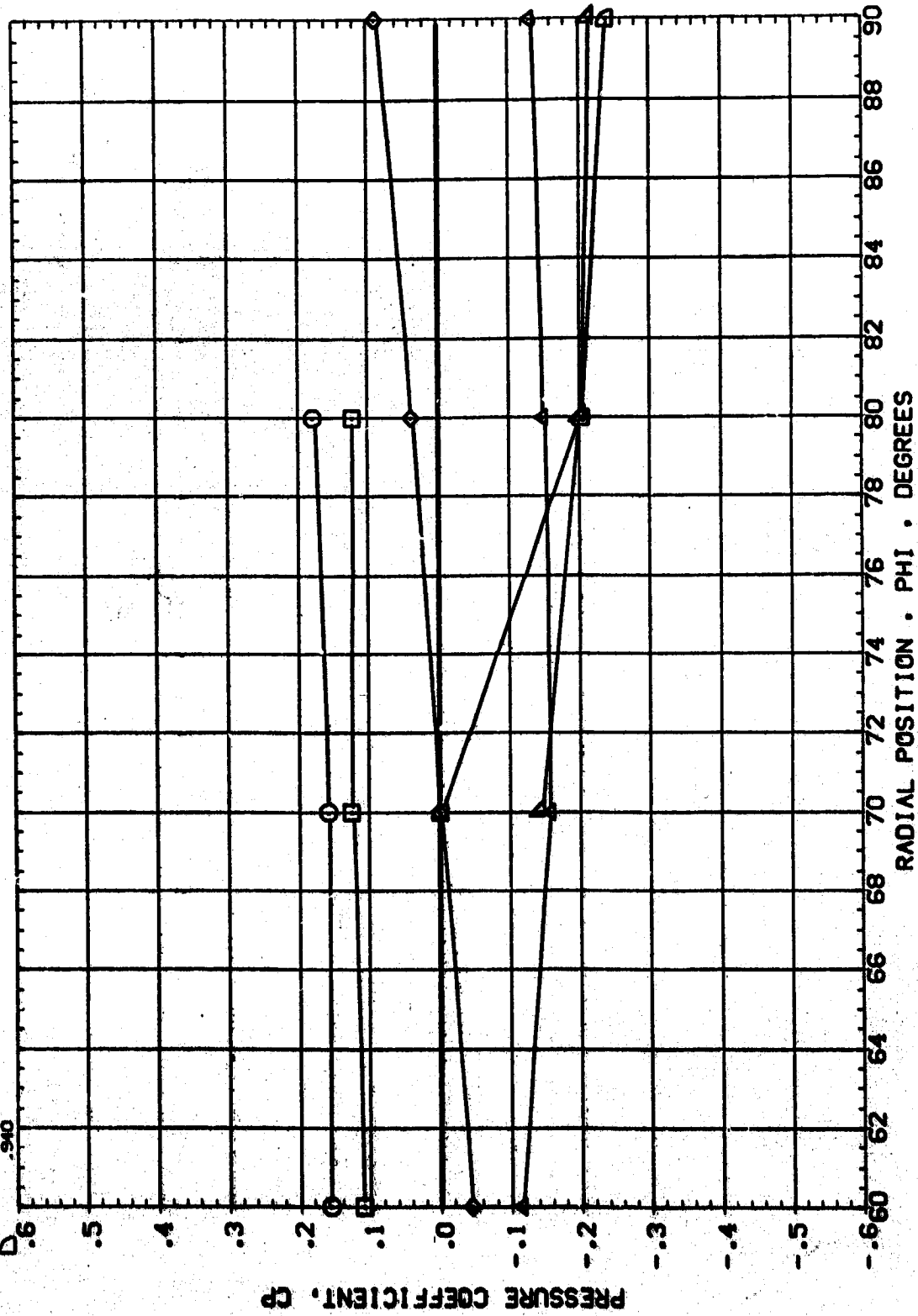


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 4.300
 ELEVTR .000
 RUDDER .000

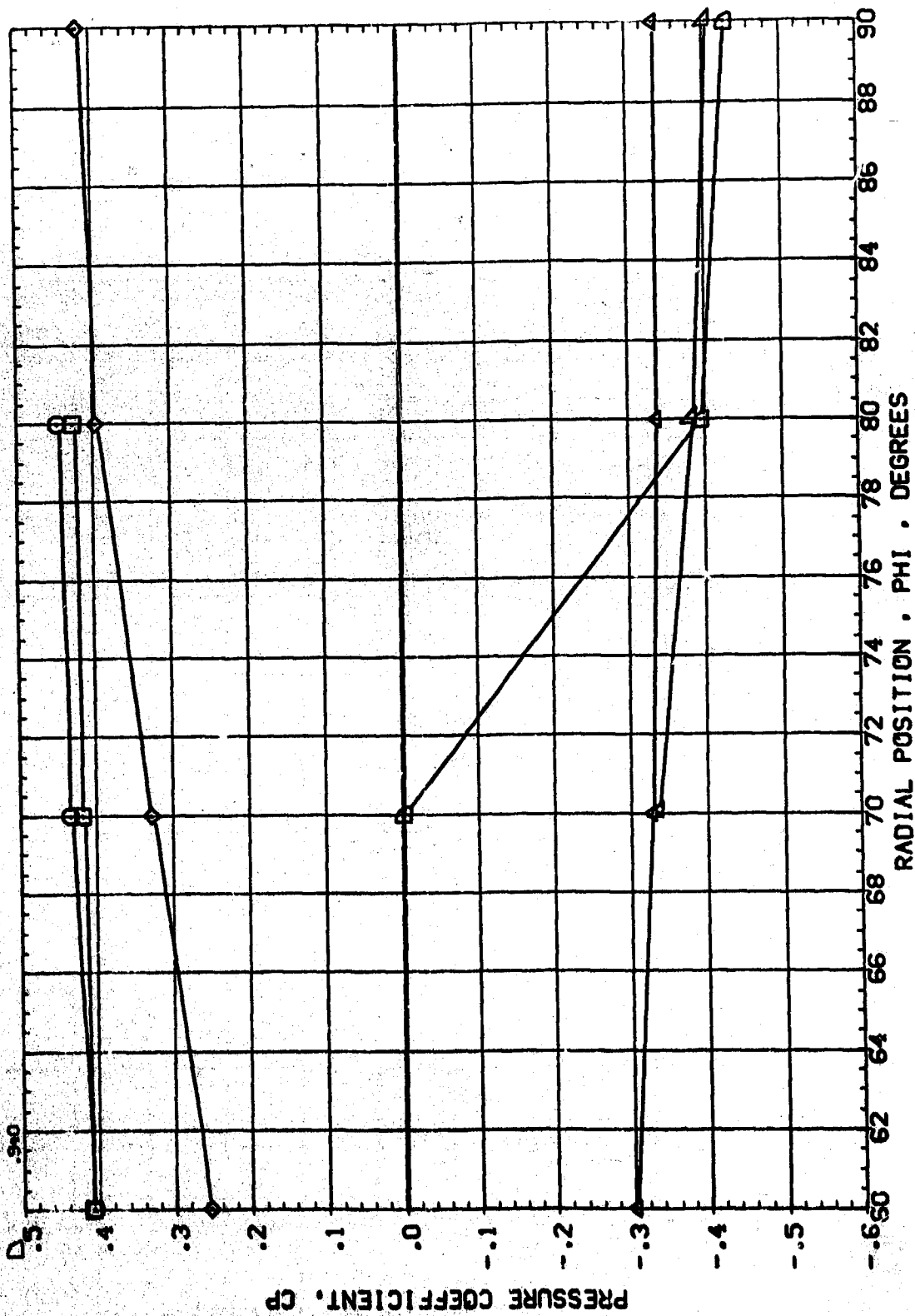
SWR. X/L ALPHA MACH
 .087 8.533 1.398
 .126
 .164
 .852
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

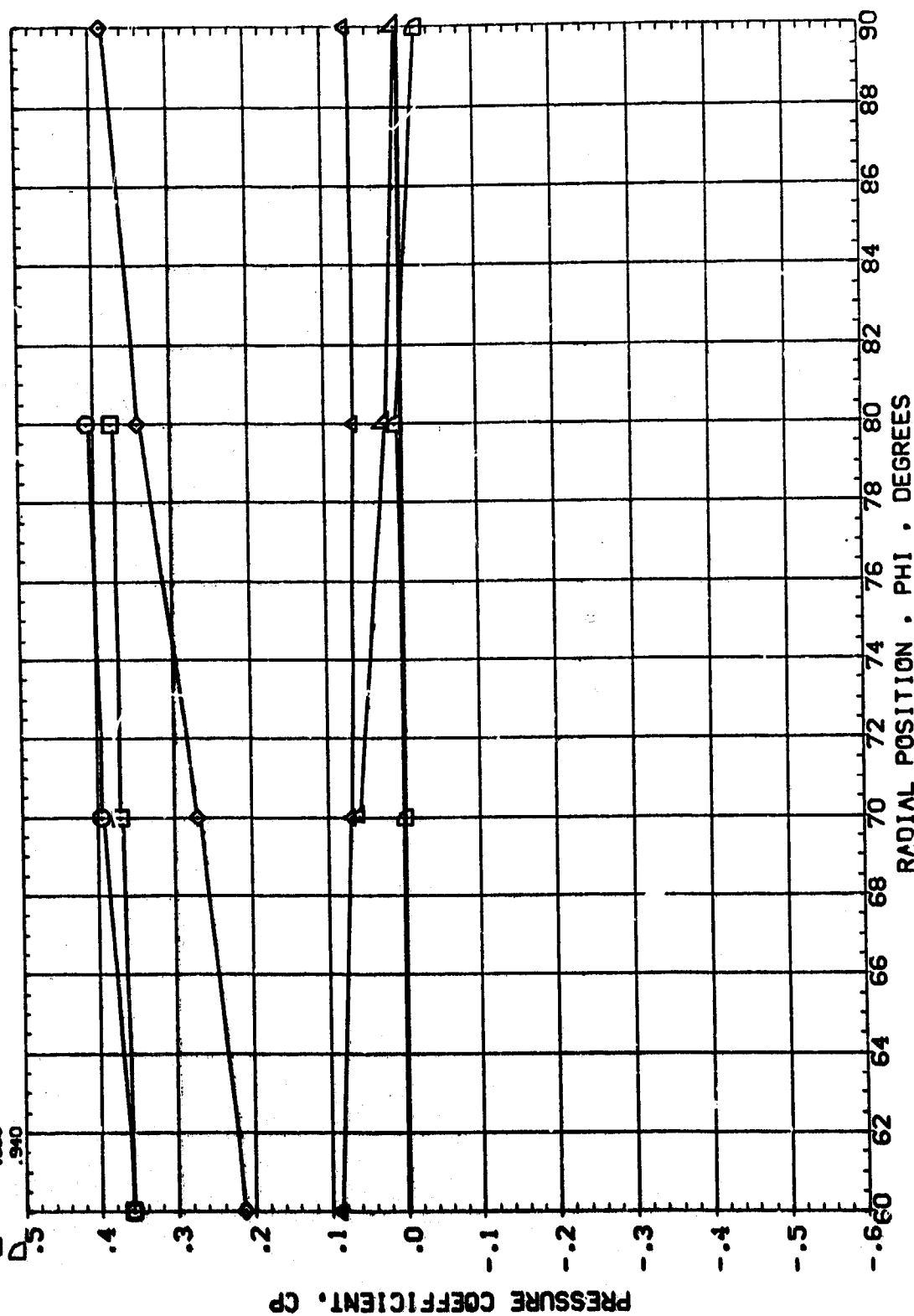
SYMBOL	X/L	ALPHA	MACH	BETA	AILERON	RN/L	PARAMETRIC VALUES
□	.087	-8.365	1.750	.000	.000	.000	ELEVTR
◇	.126			.000	.000	.000	RUDER
△	.164			.000	.000	3.000	
▽	.862						
○	.900						
●	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

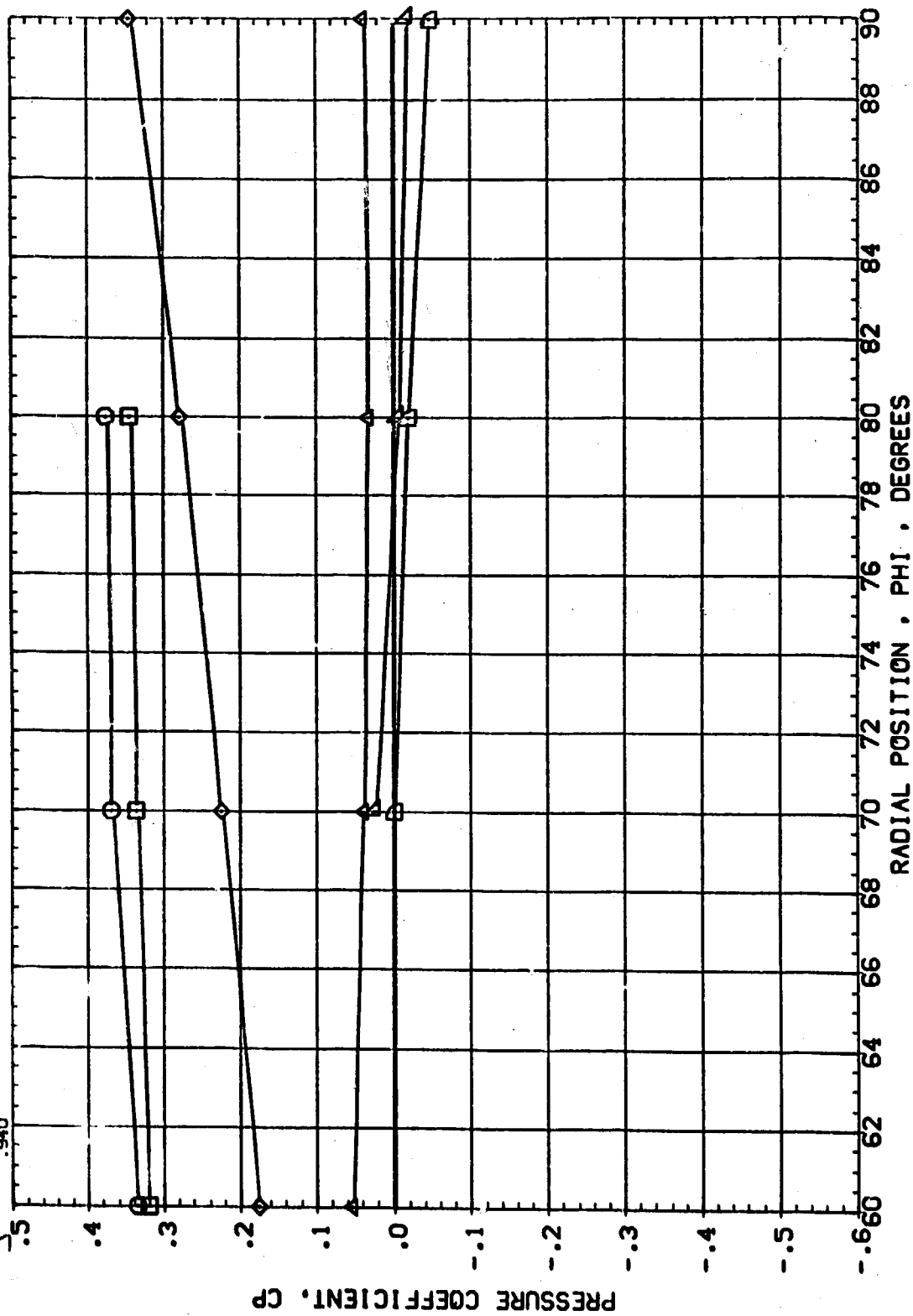
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.097	-6.351	1.751	AILRON	.000
◇	.126			RVL	3.000
△	.164			ELEVTR	.000
▽	.862			RUDER	.000
○	.900				
◇	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RJODR	.000
				RNVL	3.000		



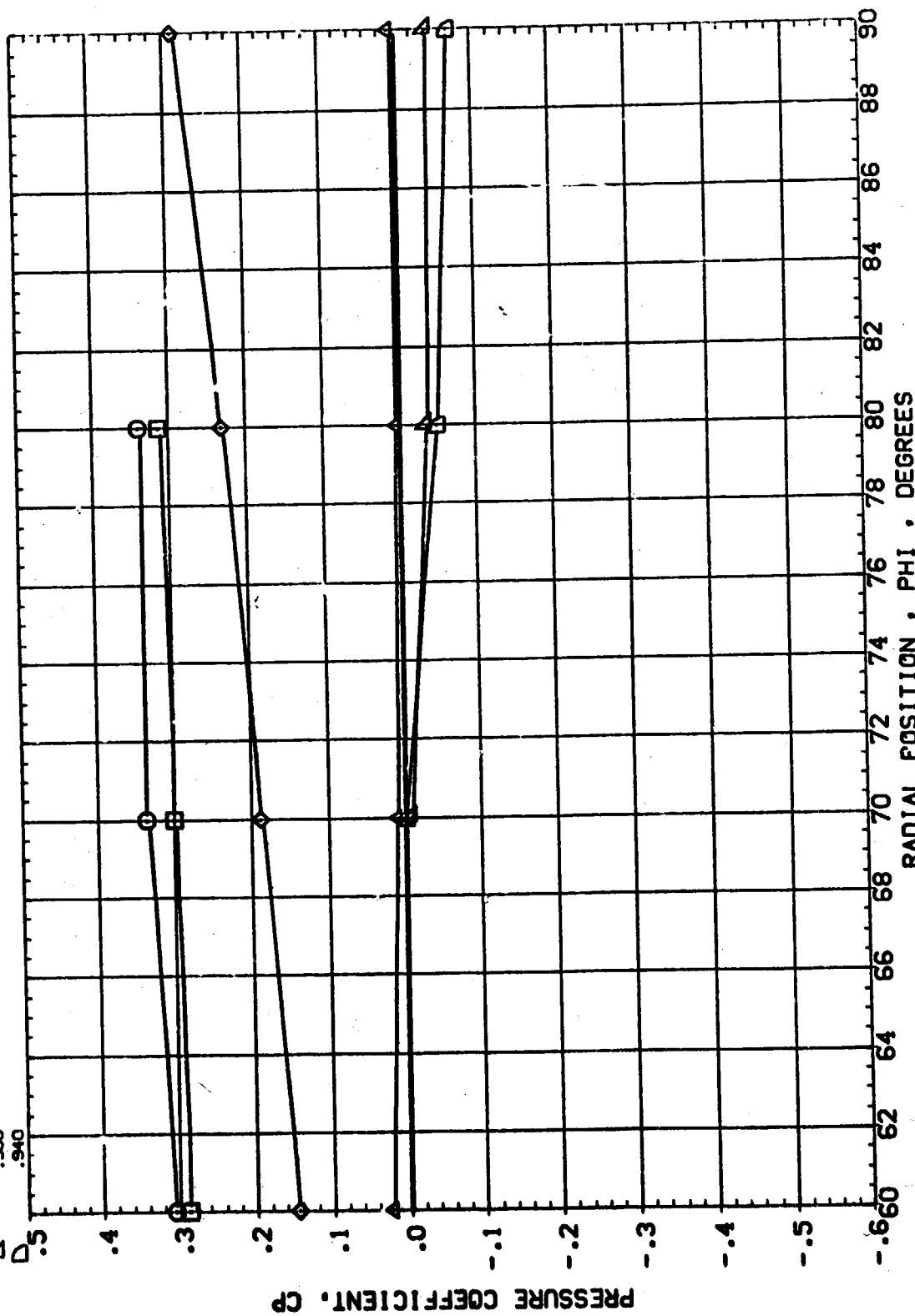
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 RV/L 3.000

ALPHA -2.072
 MACH 1.751

SYMBOL X/L
 .087
 .126
 .164
 .262
 .300
 .340

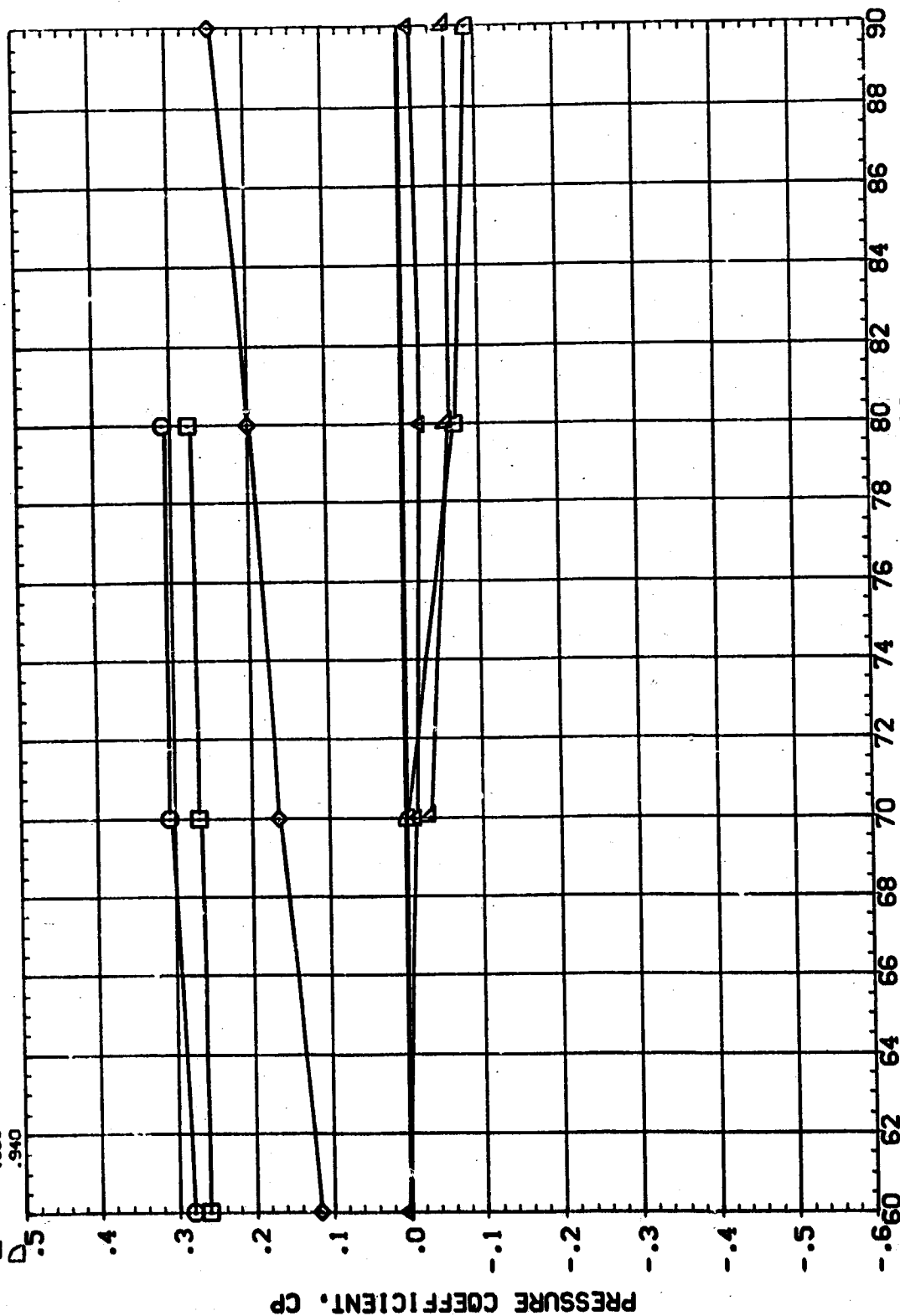


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RV/L 3.000
 ELEVTR .000
 RUDDER .000

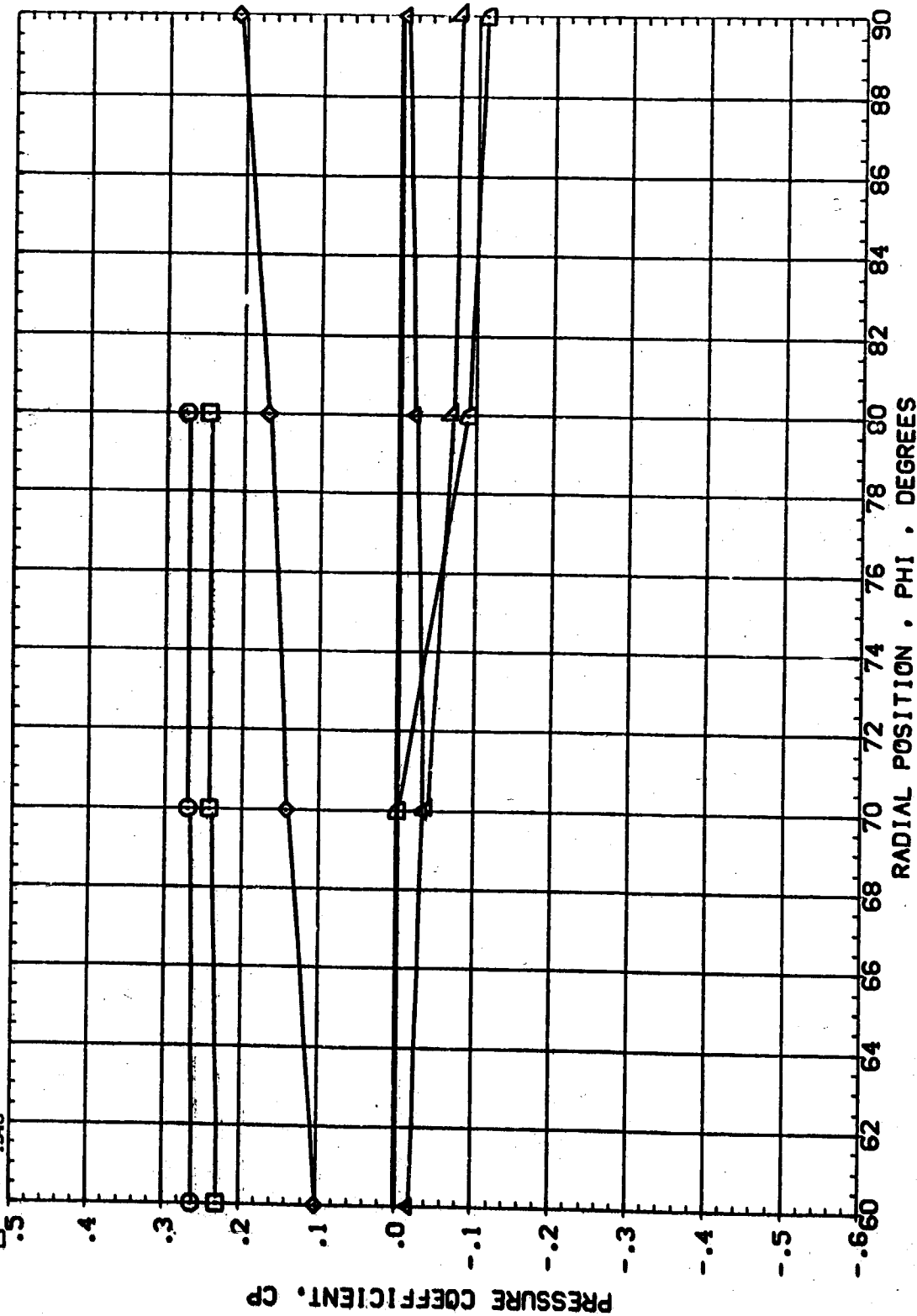
SYMBOL X/L ALPHA MACH
 .087
 .126
 .164
 .862
 .900
 .940
 1.750



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	2.118	1.748	AILRON	.000
◇	.126			RVAL	3.000
△	.164				
▽	.862				
○	.900				
◇	.940				

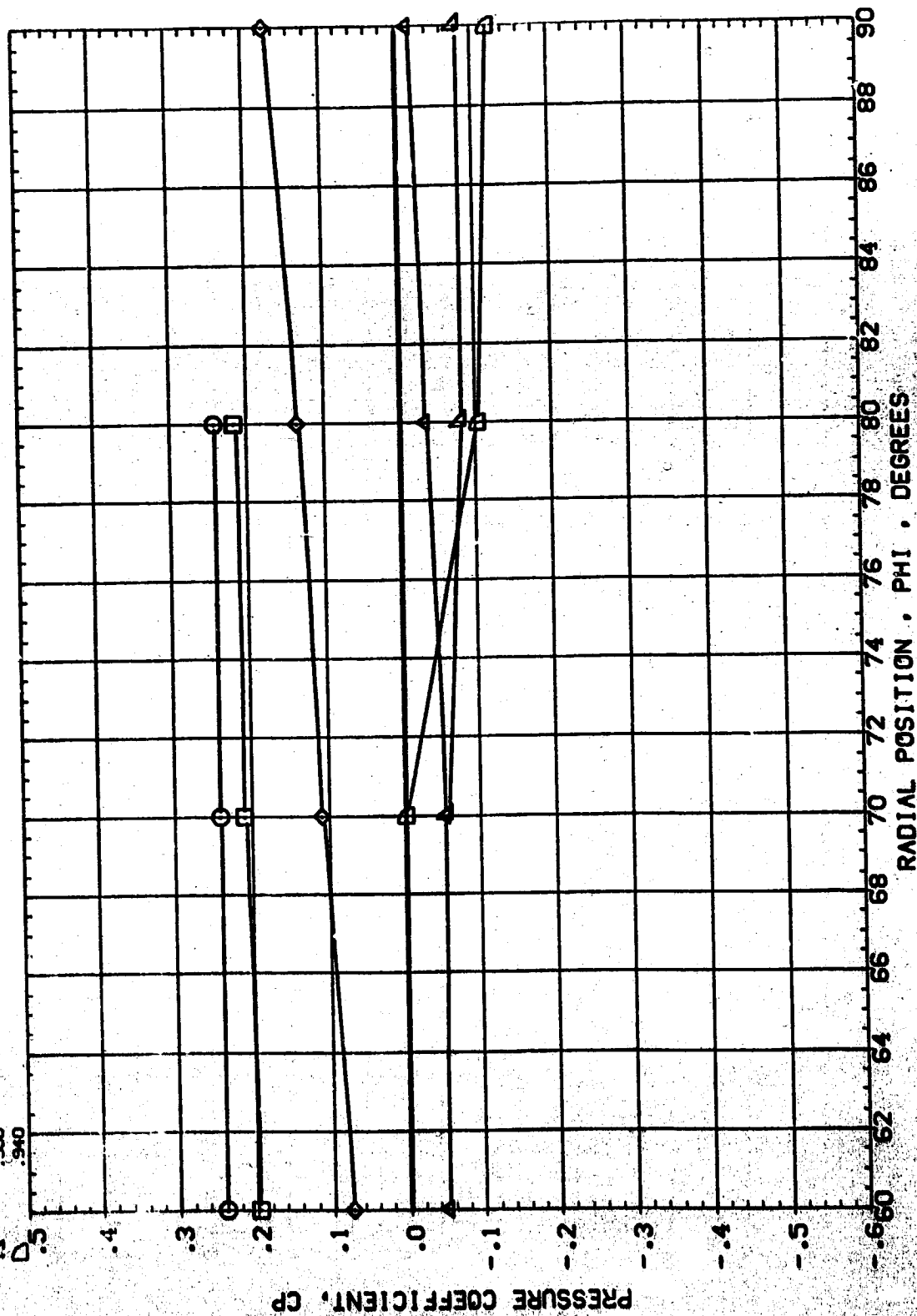


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

SPEED X/L ALPHA MACH
 .087 4.222 1.749
 .126
 .164
 .962
 .900
 .940

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RV/L 3.000
 ELEVTR .000
 RUDDER .000

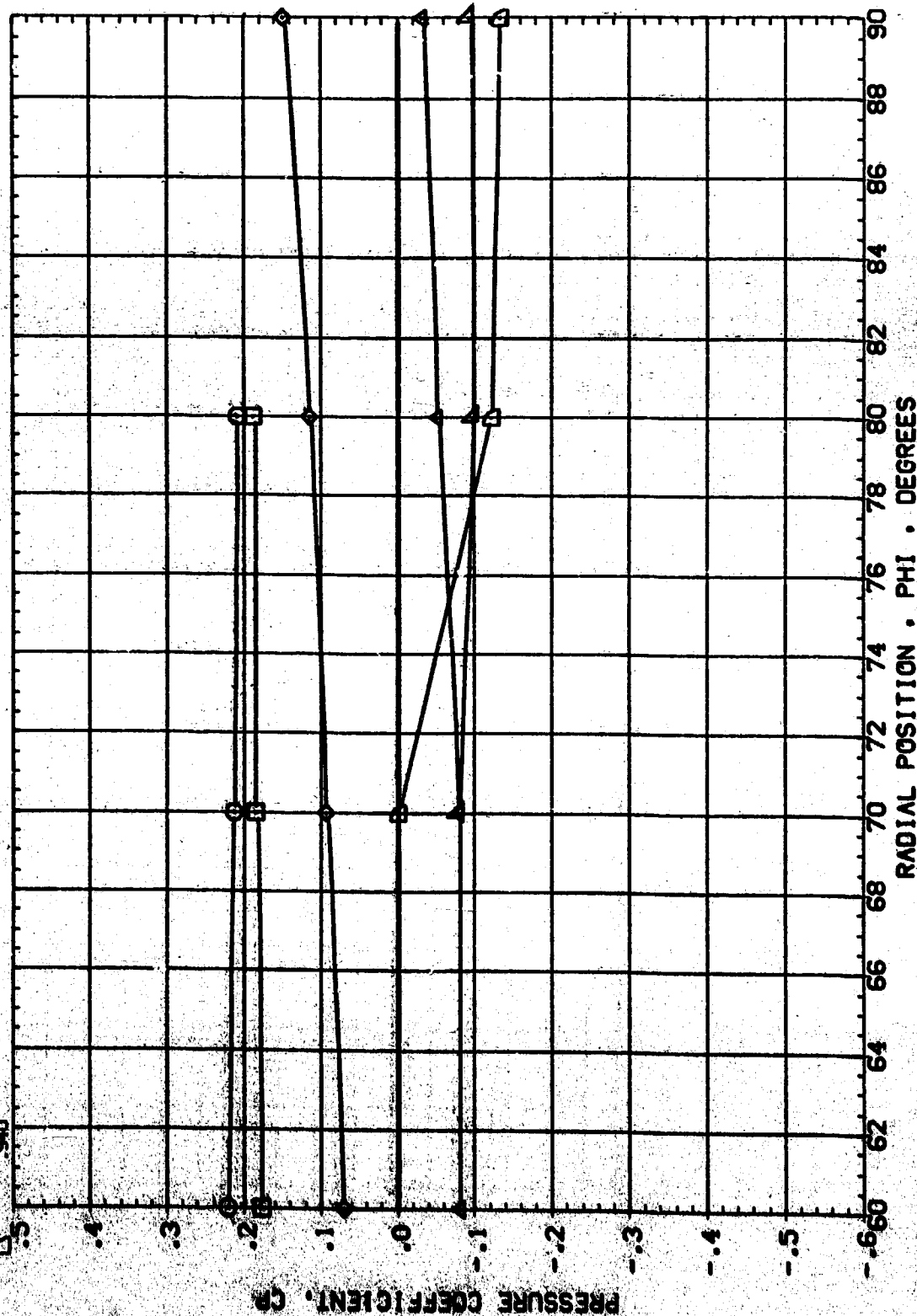


RADIAL POSITION . PHI . DEGREES
 RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING -- INTEG. VEHICLE (09E00023)

PARAMETRIC VALUES
 BETA .000
 ELEVTR .000
 RUDDER .000
 AILRON .000
 RW/L 3.000

SHED V/L ALPHA MACH
 .007 6.322 1.751
 .126
 .164
 .062
 .300
 .940

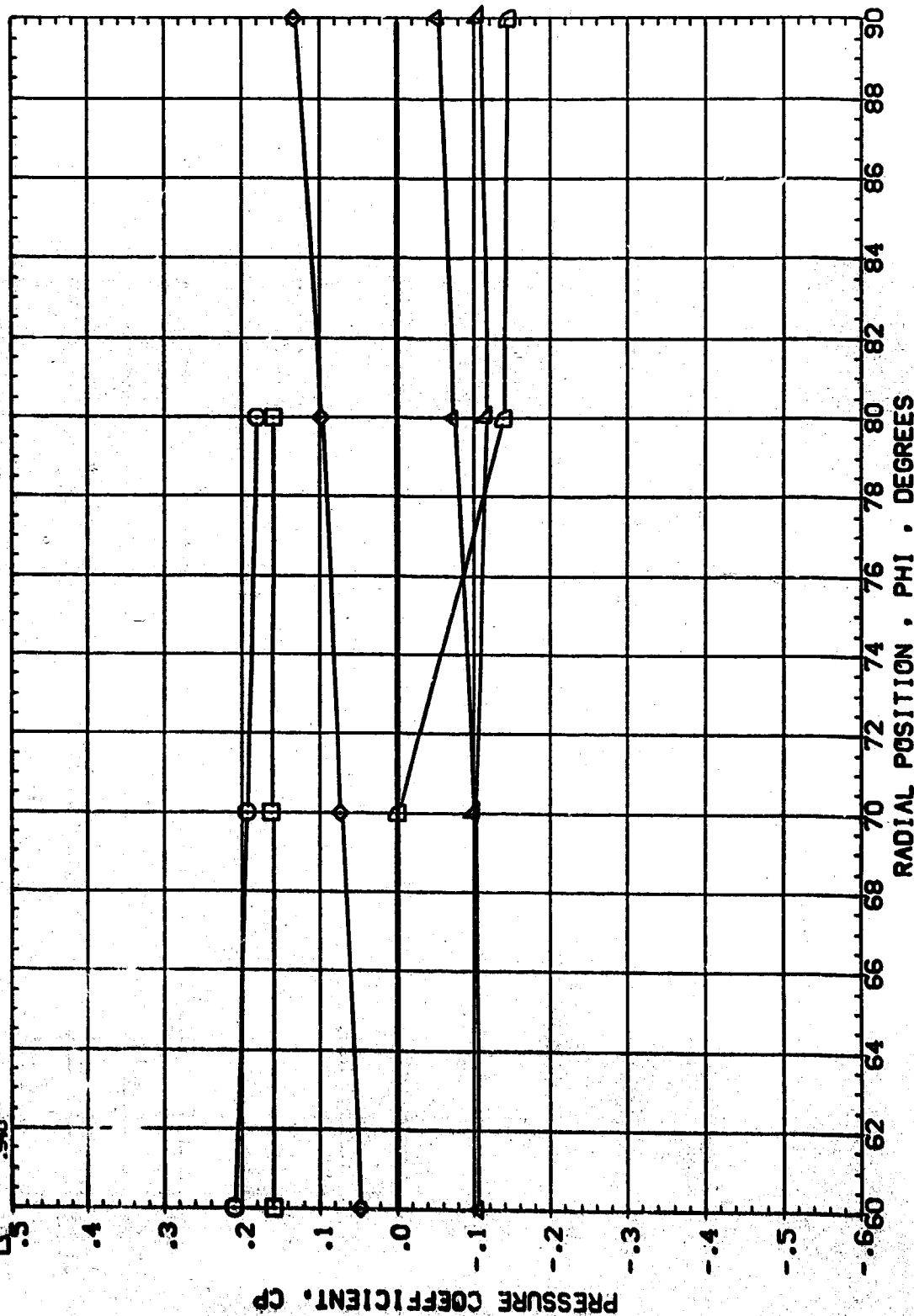


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

X/L .087
 .126
 .154
 .852
 .900
 .940
 MACH 1.748
 81.447

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 3.000

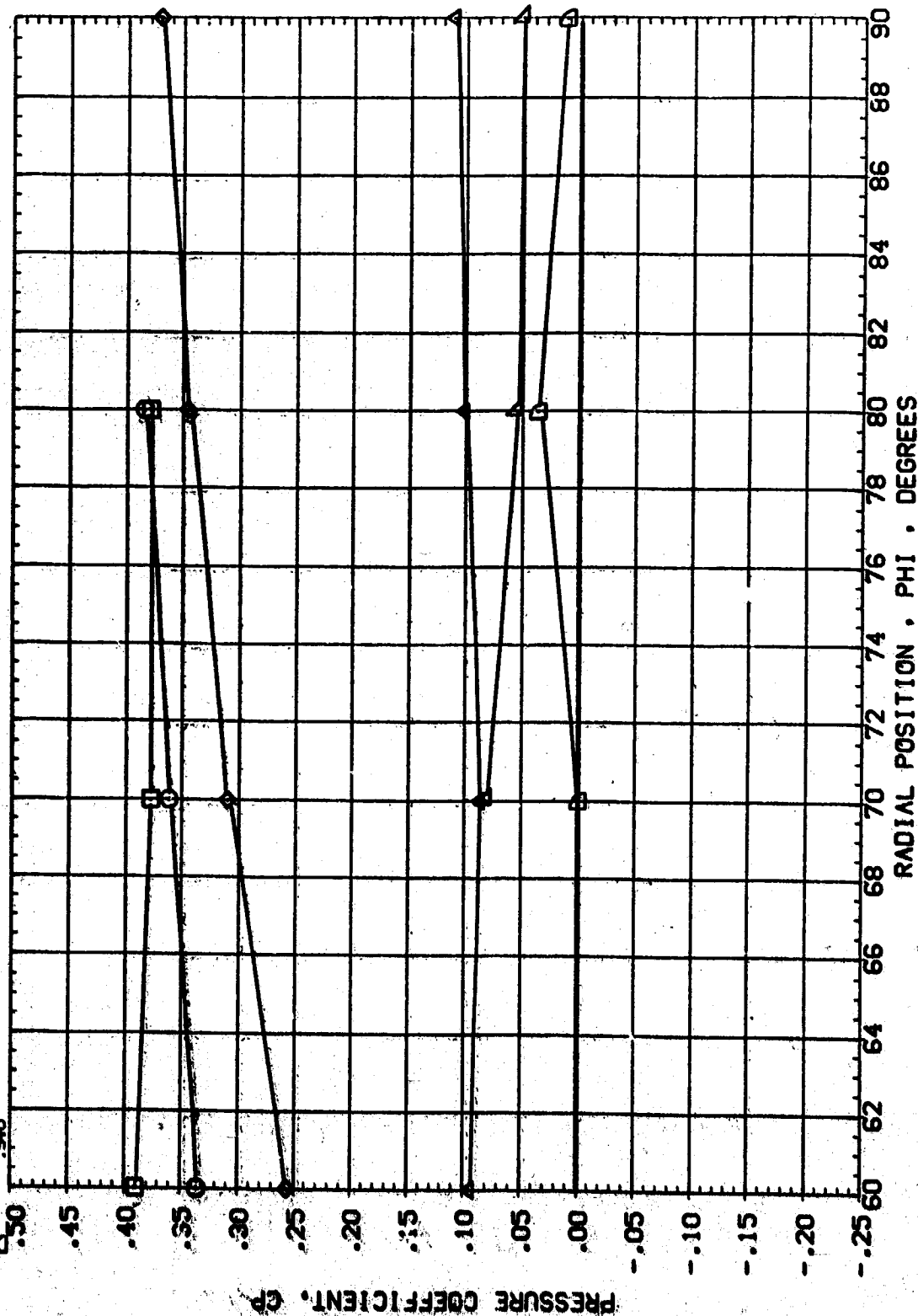


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

WREB0013

Symbol	3x/L	ALPHA	WCH1
□	.087	-7.860	2.003
□	.126		
◇	.164		
△	.662		
△	.900		
△	.940		

PARAMETRIC VALUES	
BETA	.000
AILRON	.000
RVAL	2.650
	.000
	.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

PARAMETRIC VALUES
 .000 ELEVTR
 .000 RUDDER
 .000
 2.650

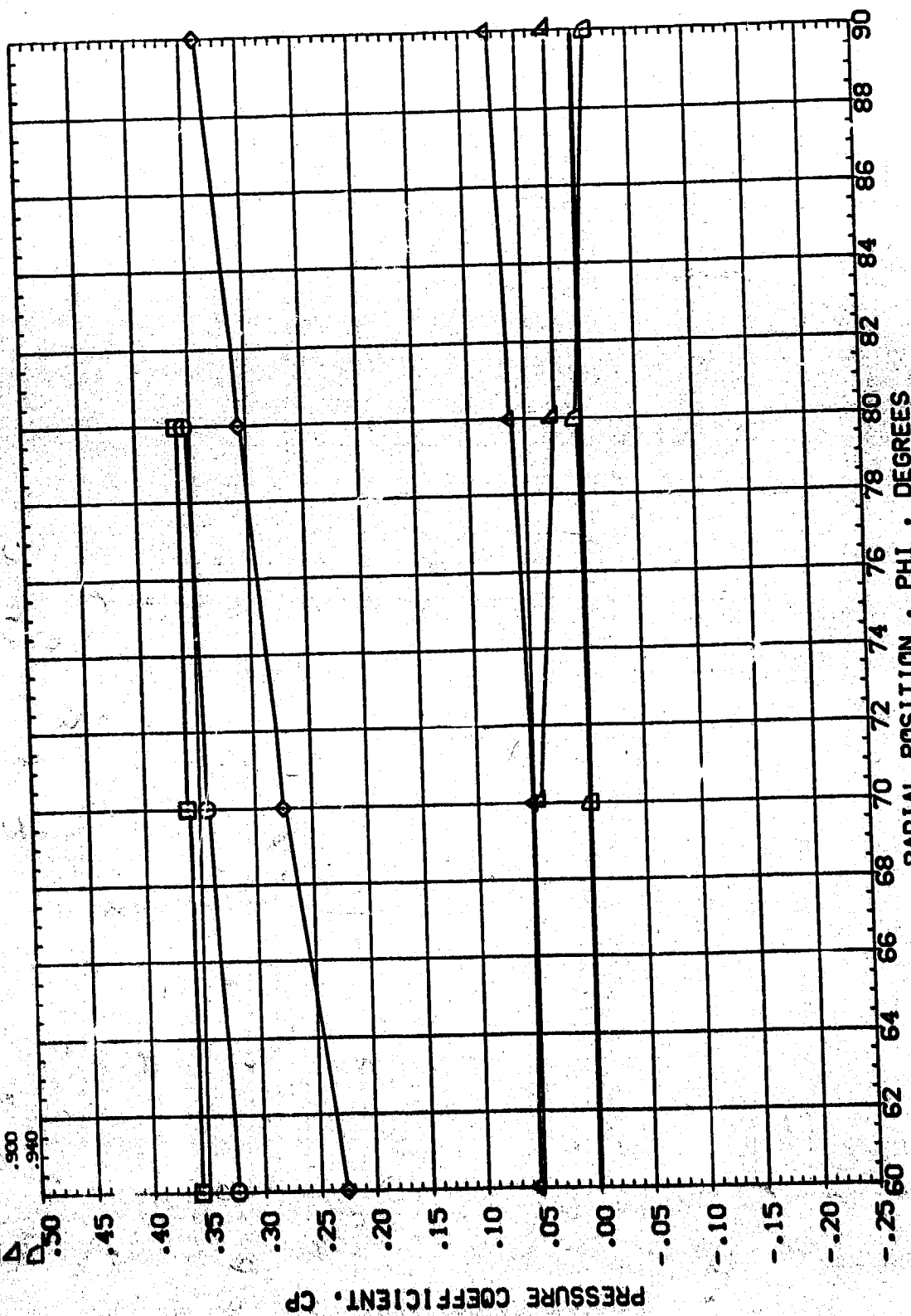
BETA
 ATURON
 RV/L

ALPHA
 -5.801

MACH
 2.001

XL
 .087
 .126
 .164
 .202
 .240

SYMBOL
 □
 ◇
 △
 ○
 ×

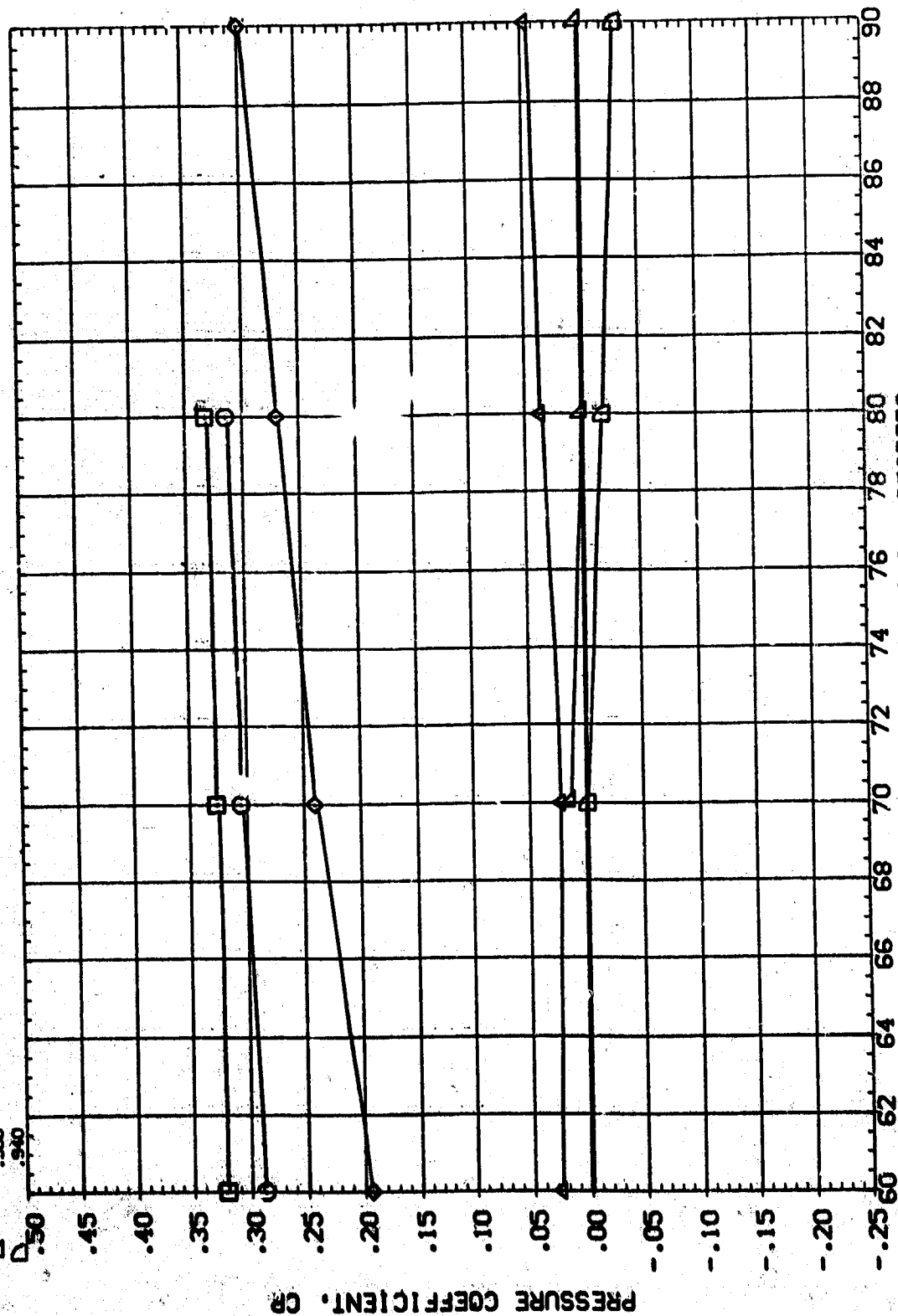


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RVL 2.650

SYMBOL X/L ALPHA MACH
 .087
 .126
 .164
 .202
 .240

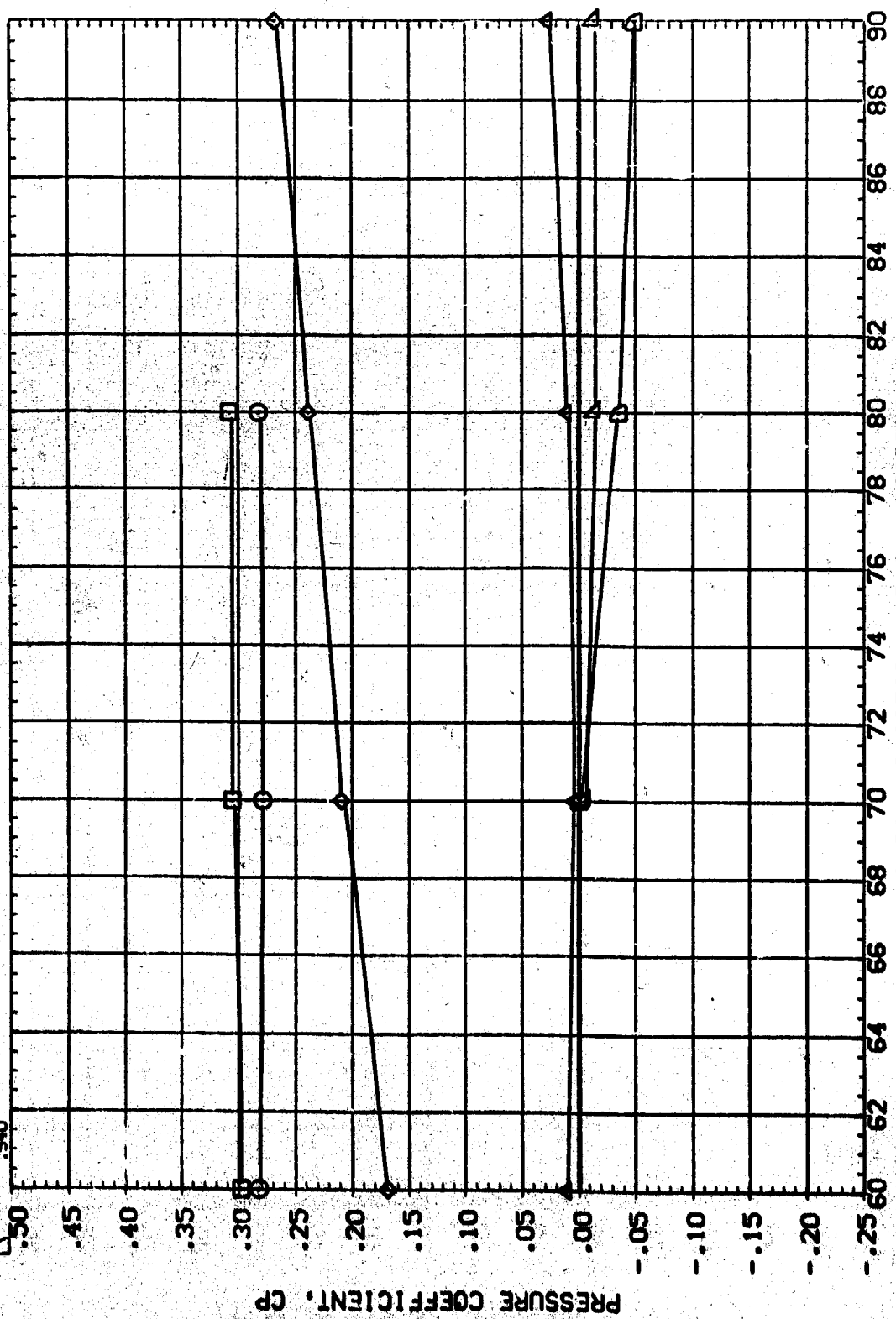


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0001)

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 RUDDER .000
 RN/L 2.650

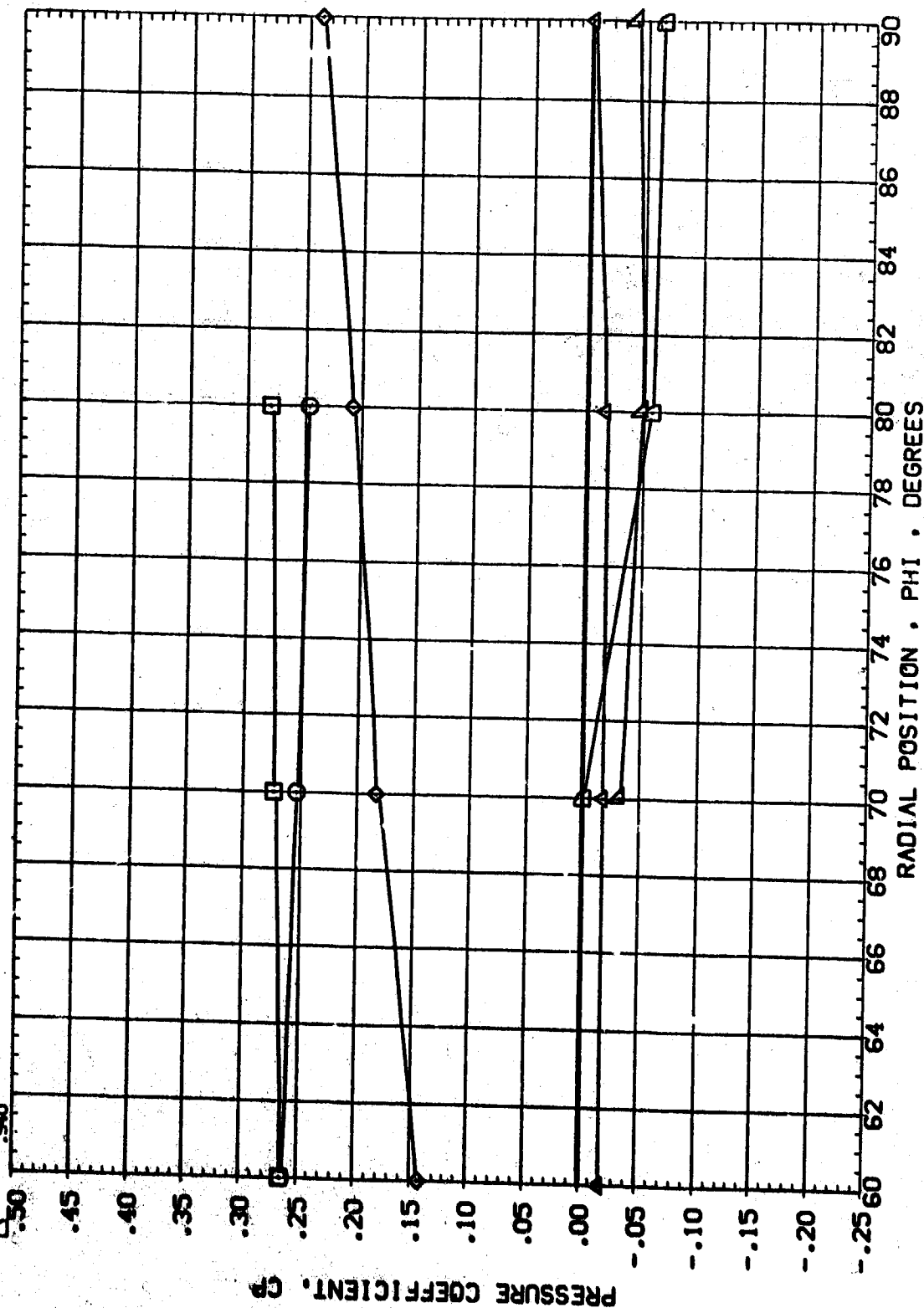
SWBL X/L ALPHA MACH
 .087 -1.603 2.00
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION, PHI, DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8001)

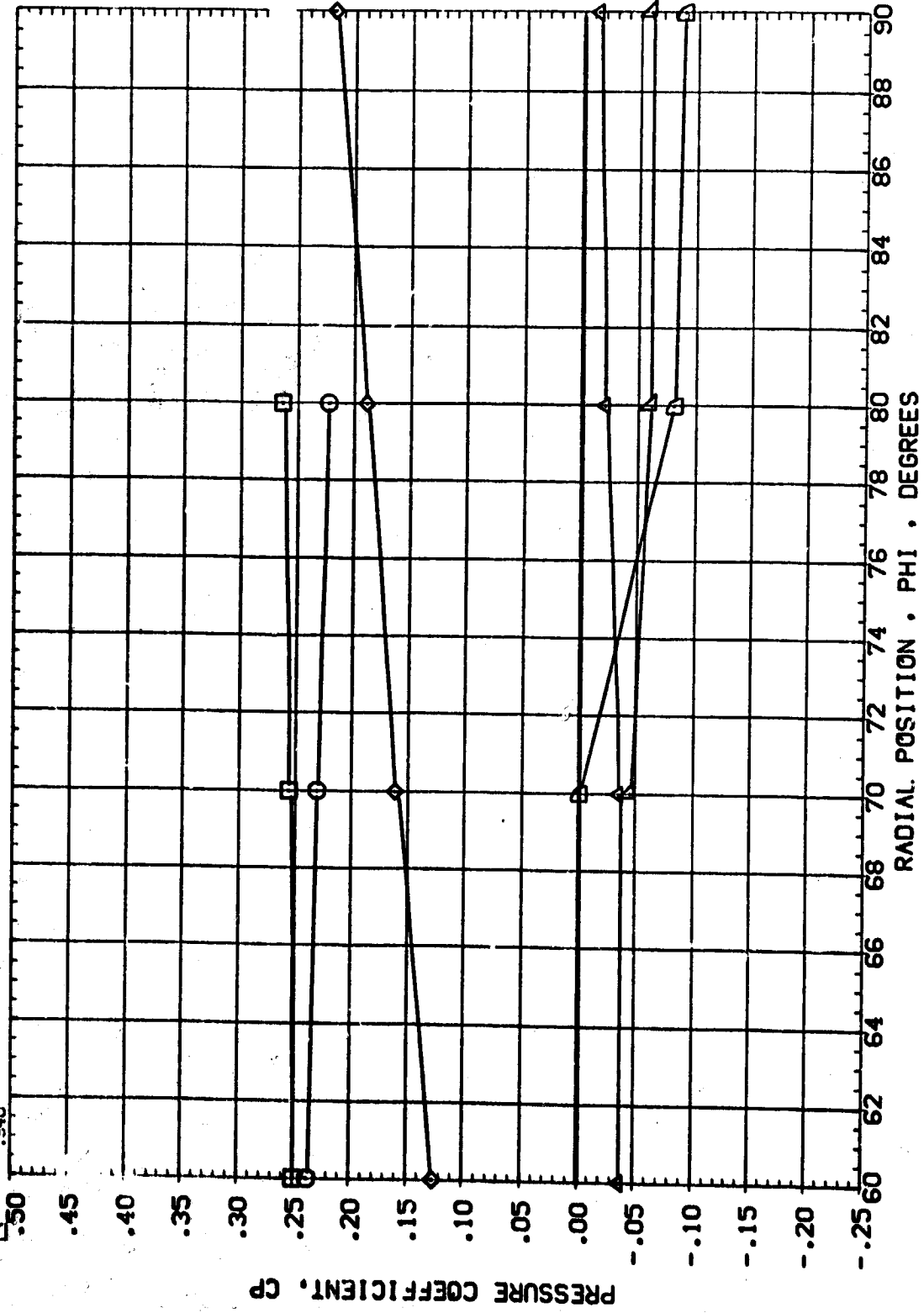
SYMBOL	W/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	.509	2.000	AILLON	.000
◇	.126			RUDDER	.000
△	.164				
▽	.862				
○	.900				
◇	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

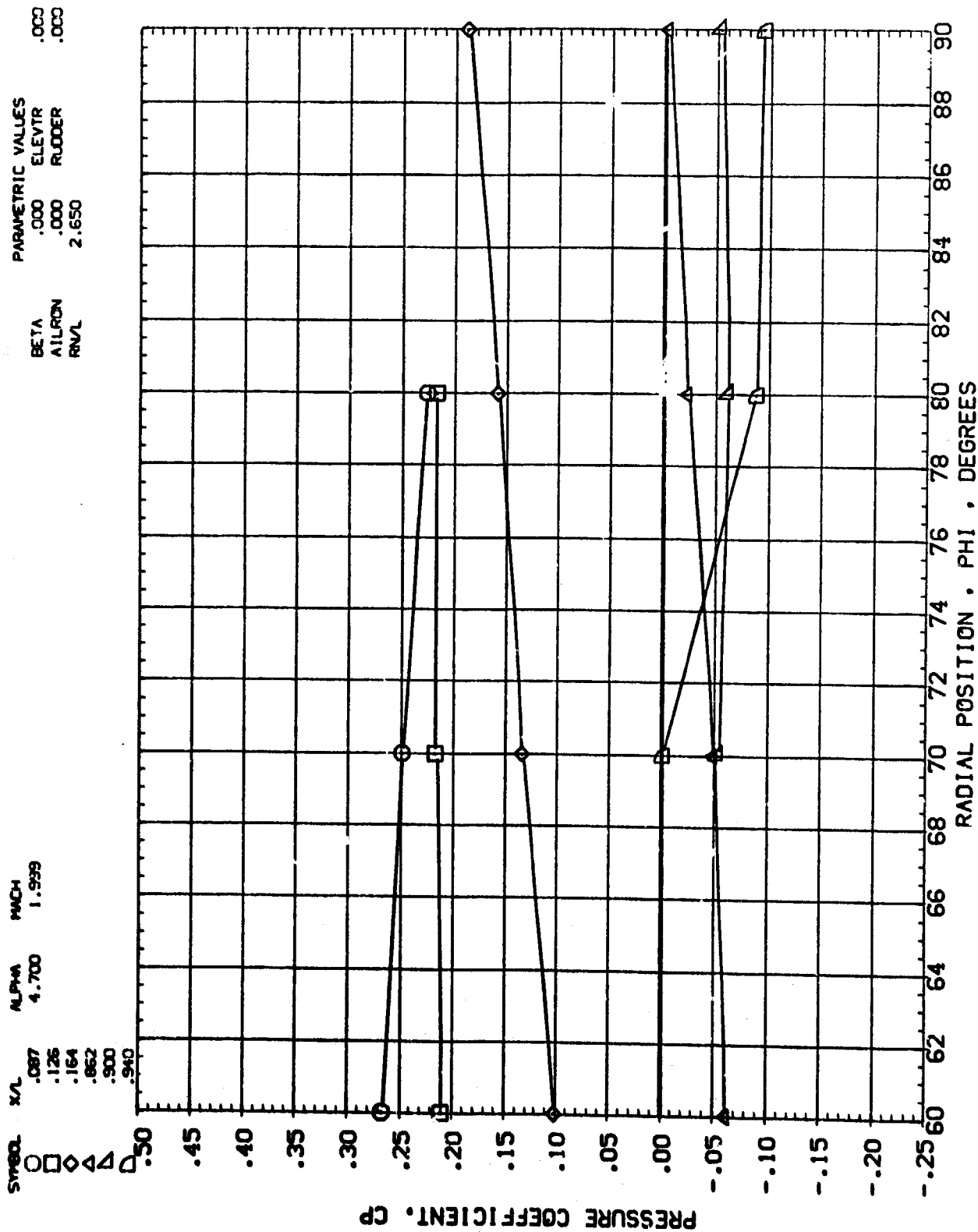
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	2.584	2.001	AILRON	.000
◇	.125			RUDDER	.000
△	.164				2.650
▽	.862				
○	.900				
◇	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

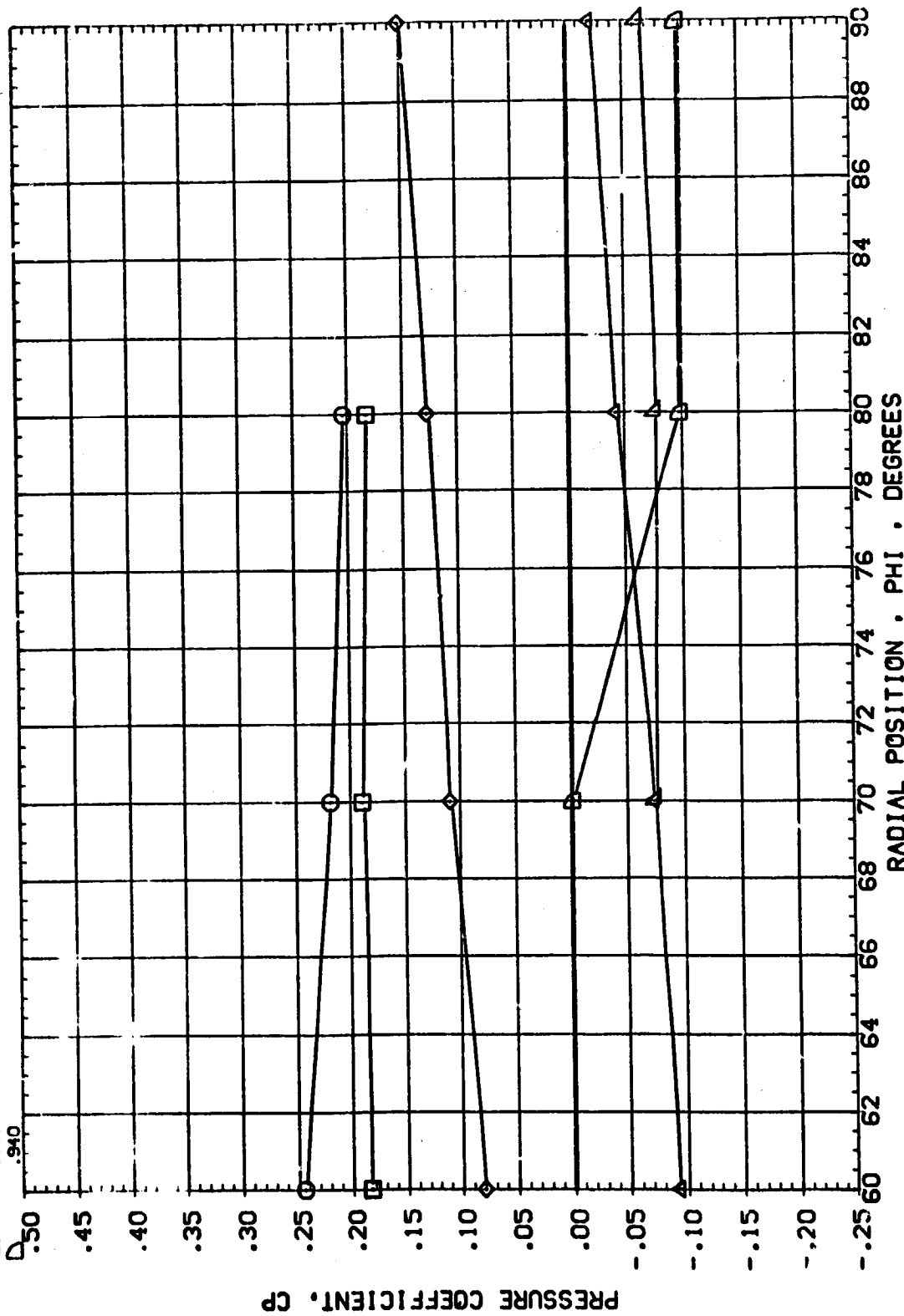
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

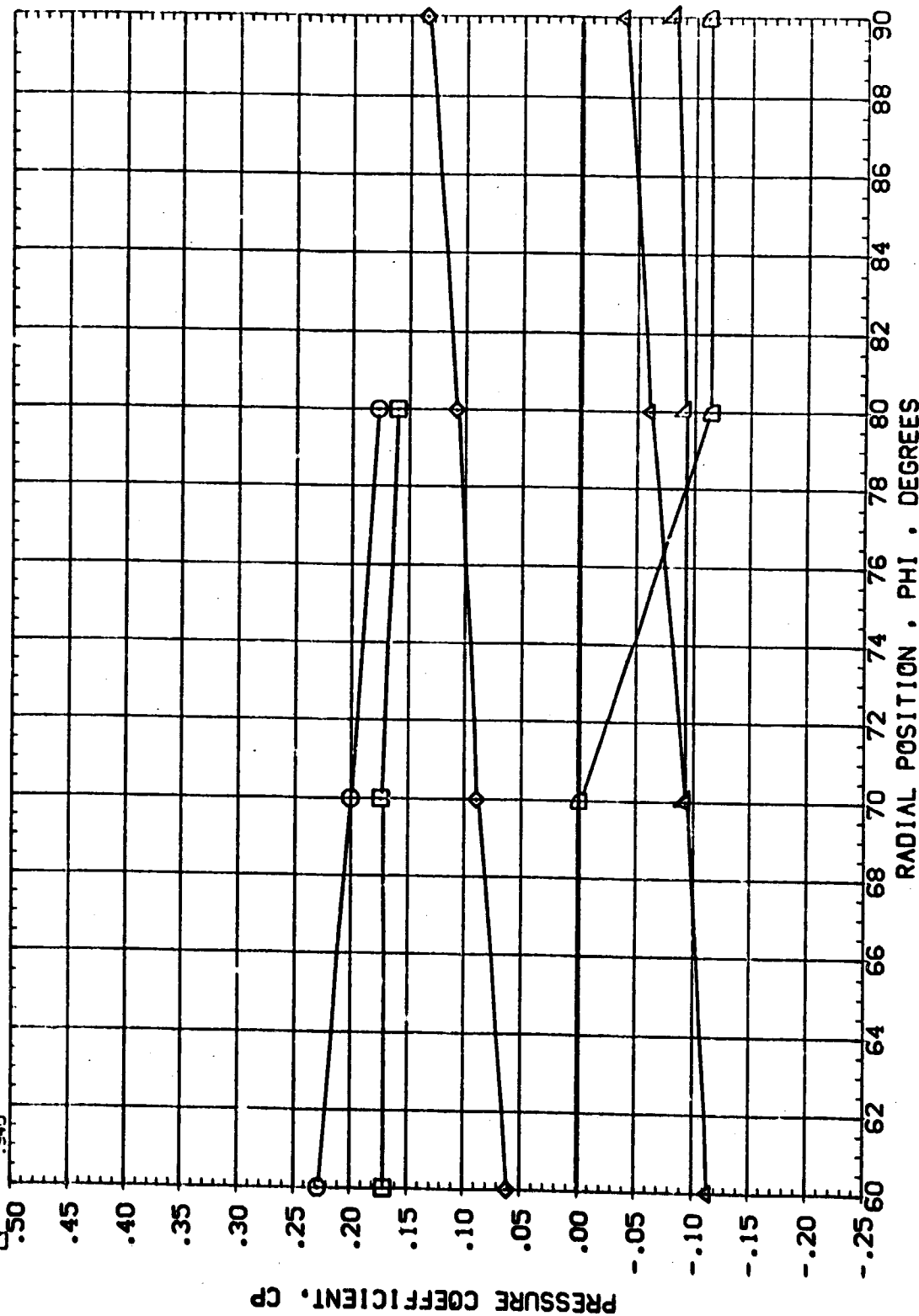
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.087	6.798	2.000	.000	.000
□	.126			.000	ELEVTR
◇	.164			.000	RUDER
△	.862			2.650	
▽	.900				
◇	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

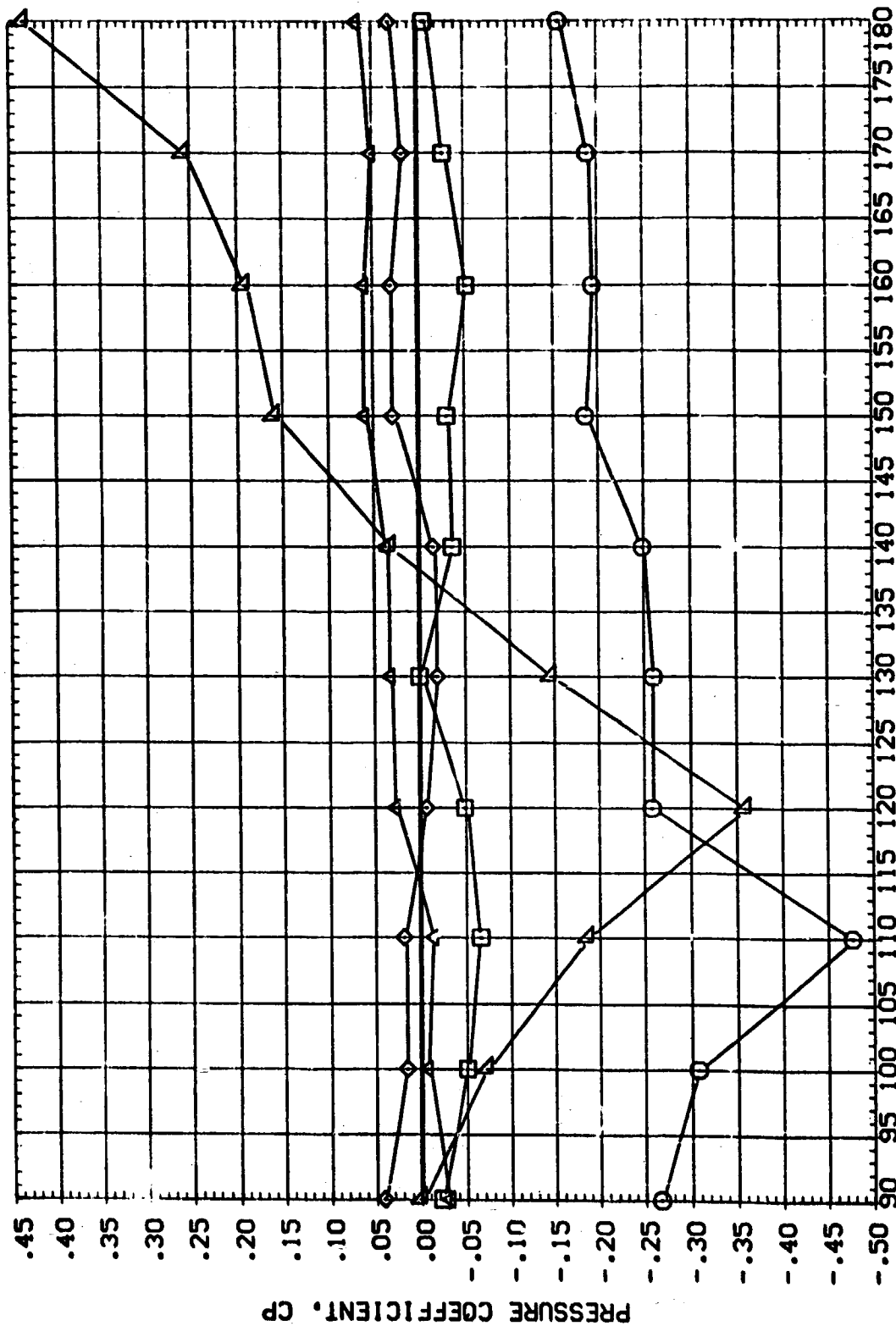
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
		8.925	1.997	BETA	.000	ELEVTR
				AILRON	.000	RUDDER
				RN/L	2.650	



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

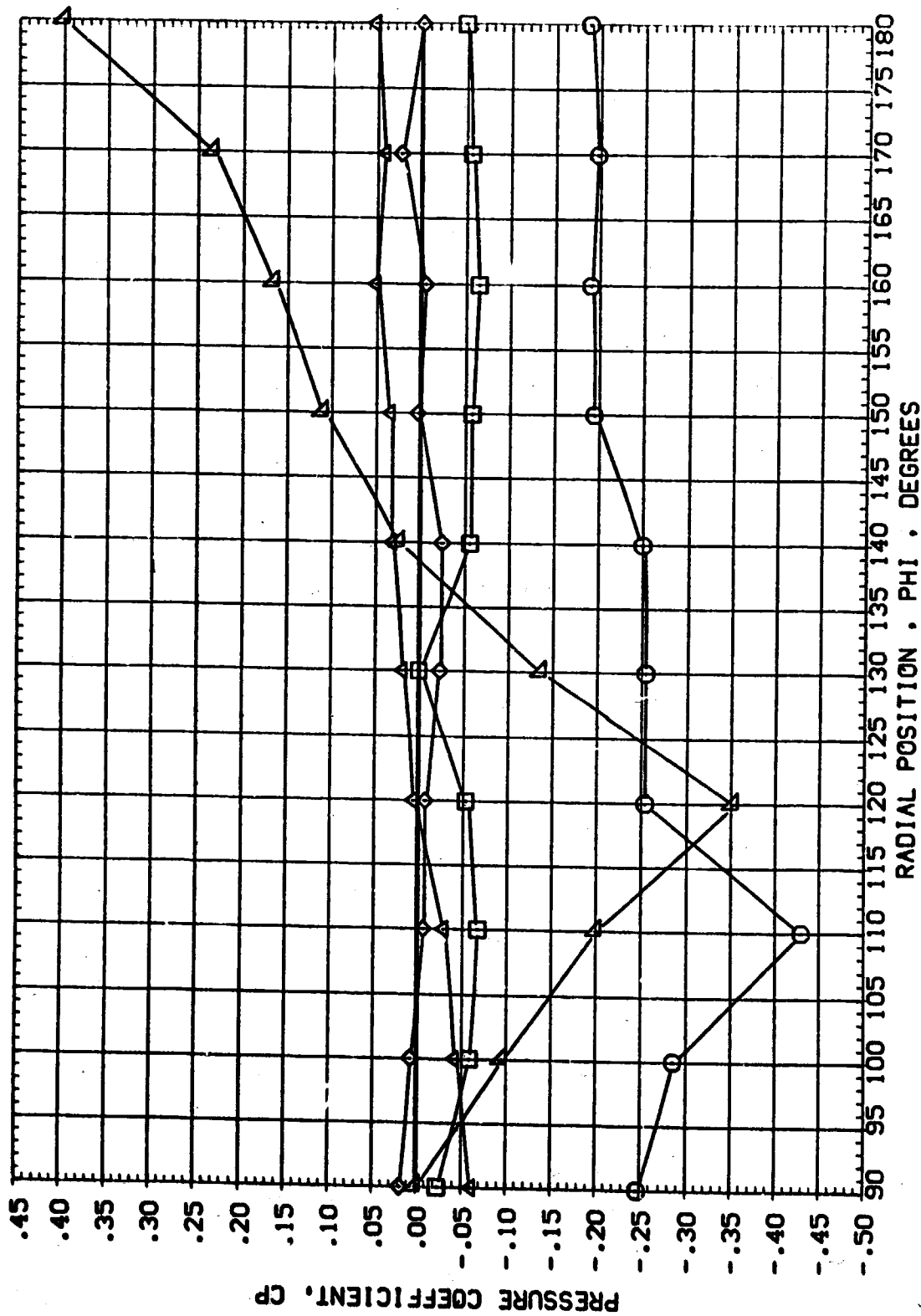
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RLOOR	.000
				RN/L	3.500		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

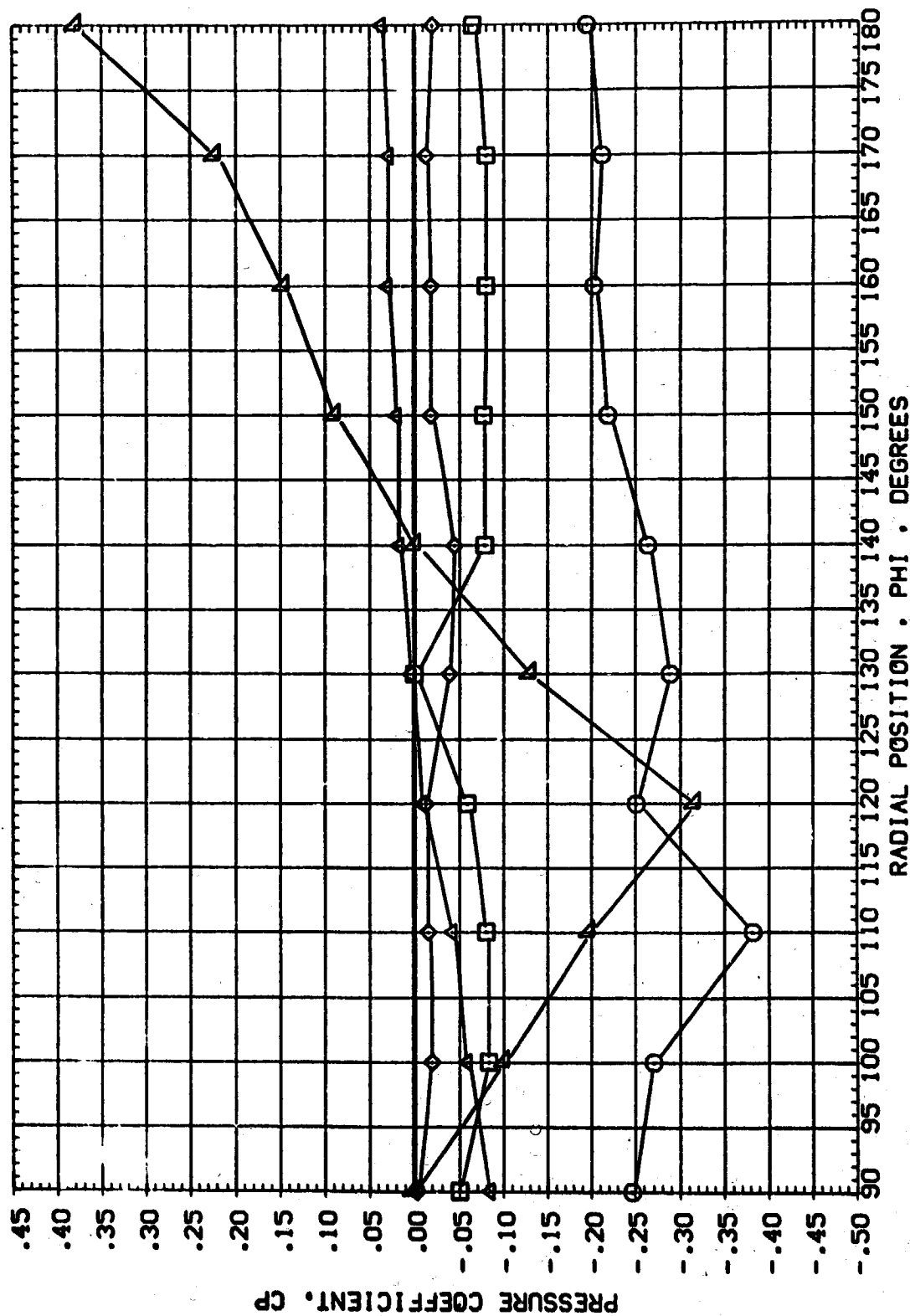
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-6.372	.598	.000	.000 ELEVTR
□	.405			.000	.000 RUDDER
◇	.546			3.500	
△	.698				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

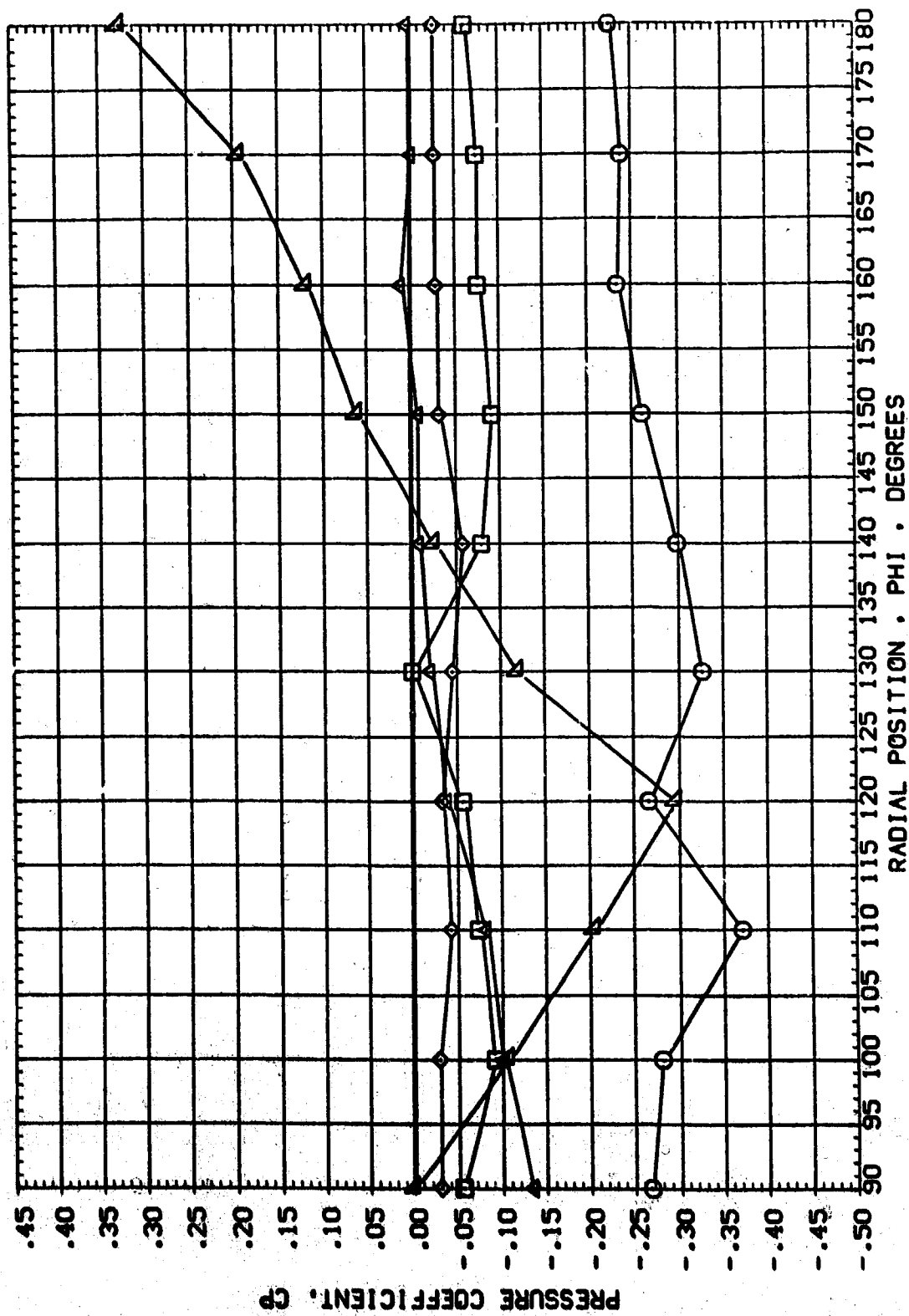
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-4.359	.595	AILRON	.000
□	.405			R/V/L	.000
◇	.546				3.500
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

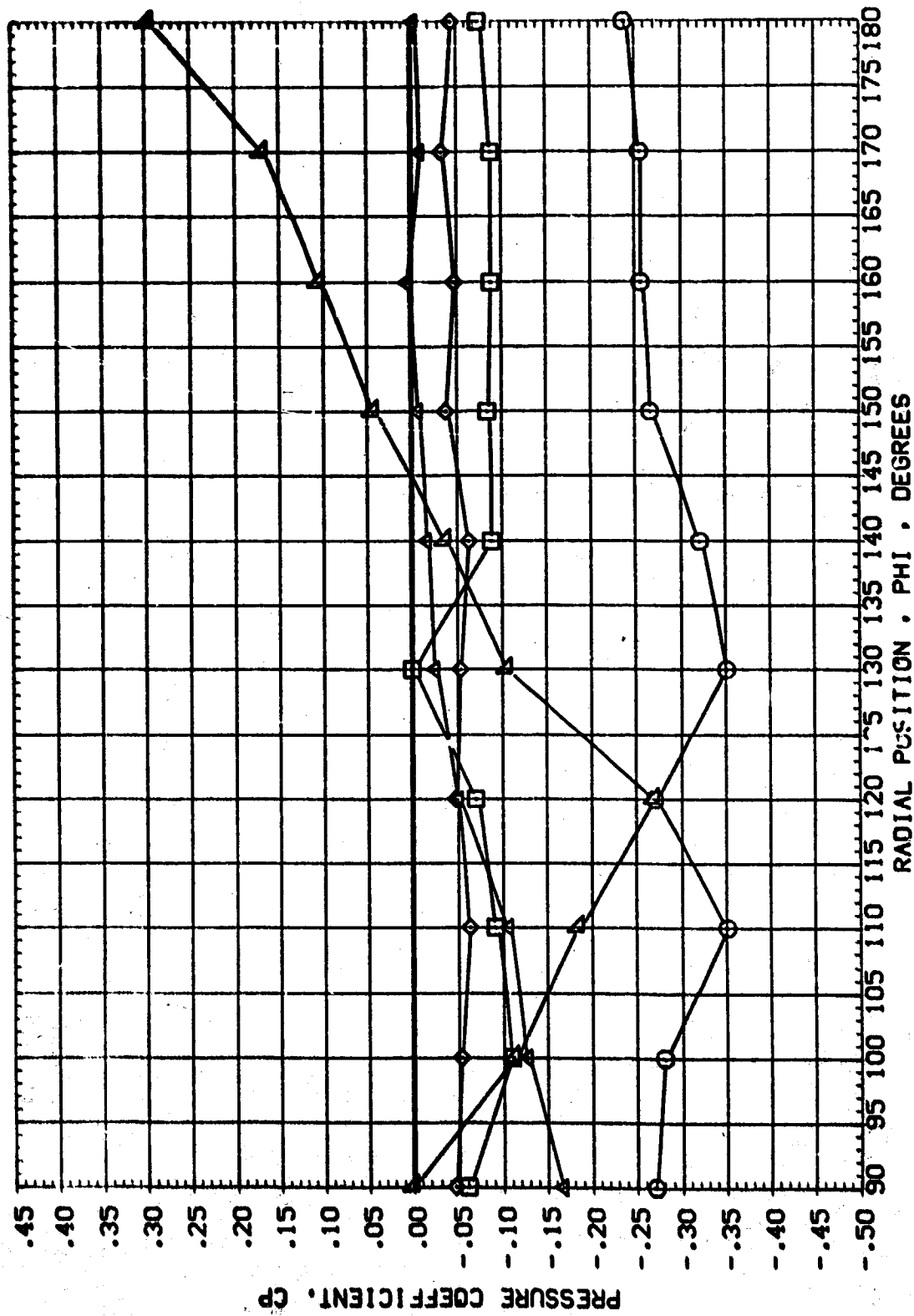
SWGL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	R.000	.000
0	.264	-2.195	.601	AILRON	.000		
1	.405			RN/L	3.500		
2	.546						
3	.688						
4	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

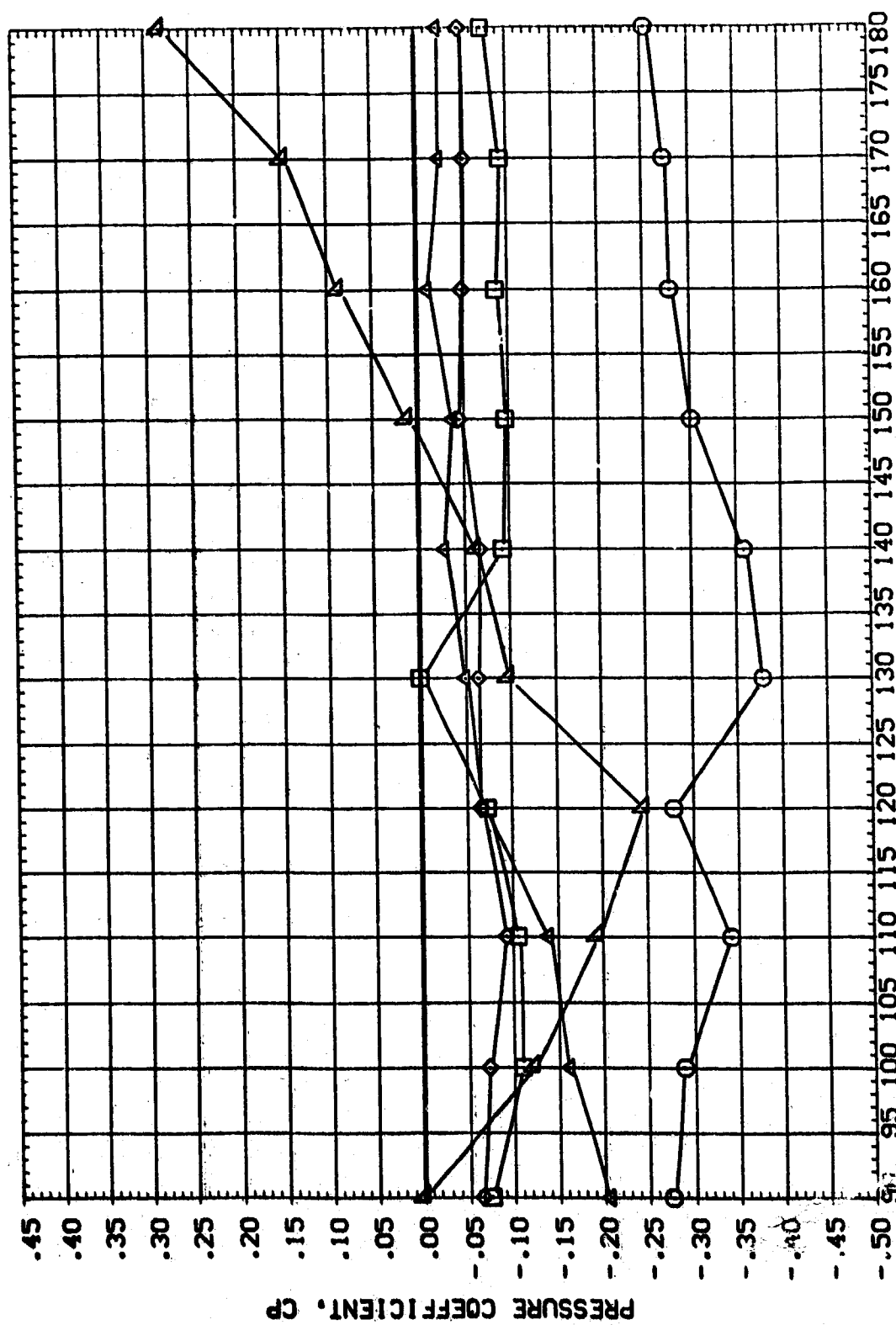
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
□	.264	-.127	.600	AILRON	.000	AL000R	.000
◇	.405			RA/L	3.500		
△	.546						
▽	.698						
▲	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

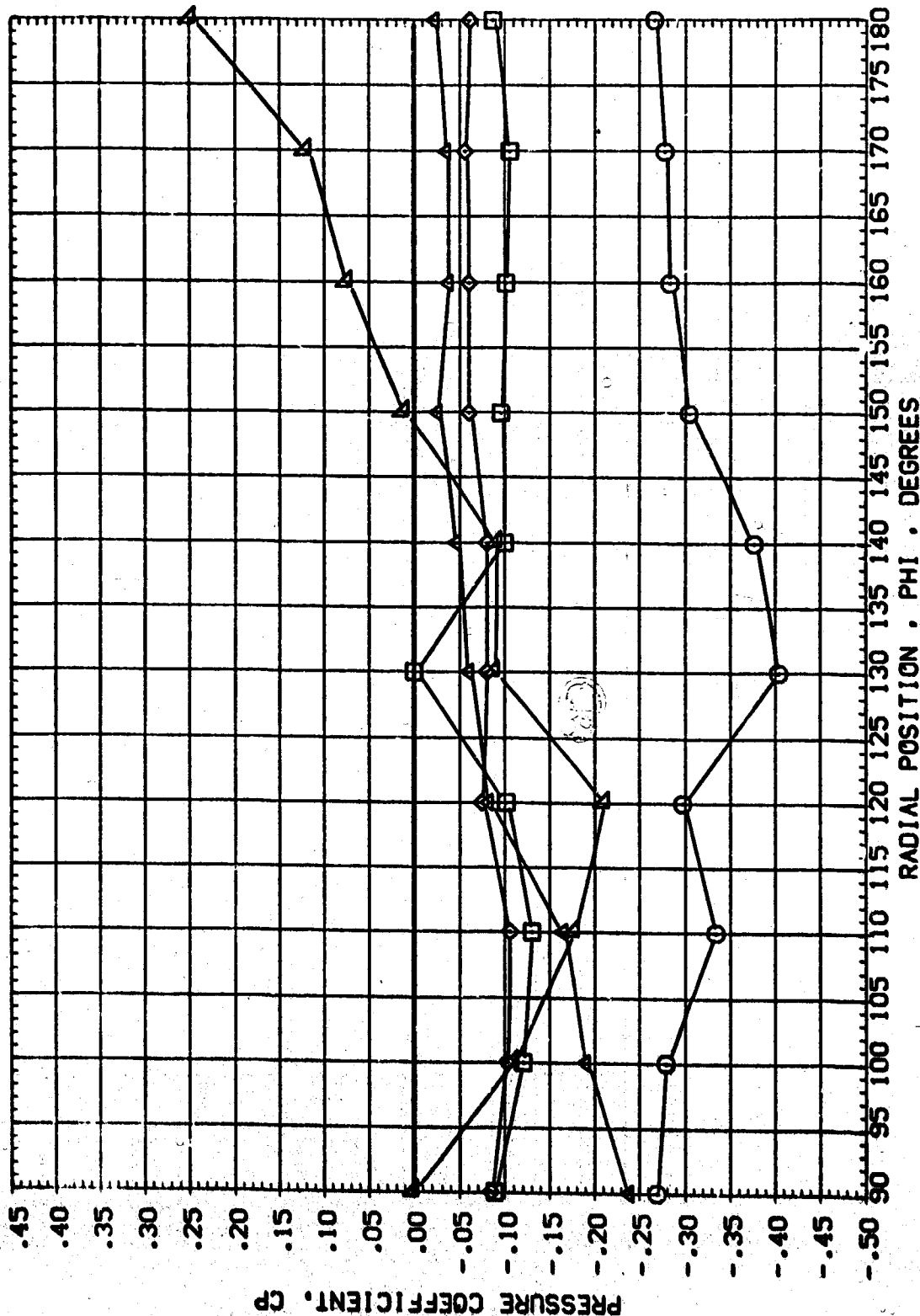
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDER	
□	.264	1.924	.600	.000	.000	.000	
◇	.405			.000			
△	.546			3.500			
▽	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

SYMBOL	XL	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	4.049	.598	AILRON	.000
□	.405			RVL	.000
◇	.546				3.500
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVIR	.000
□	.264	6.091	.599	AILRON	.000	RLOOR	.000
◇	.405			RV/L	3.500		
△	.546						
▽	.688						
▽	.829						

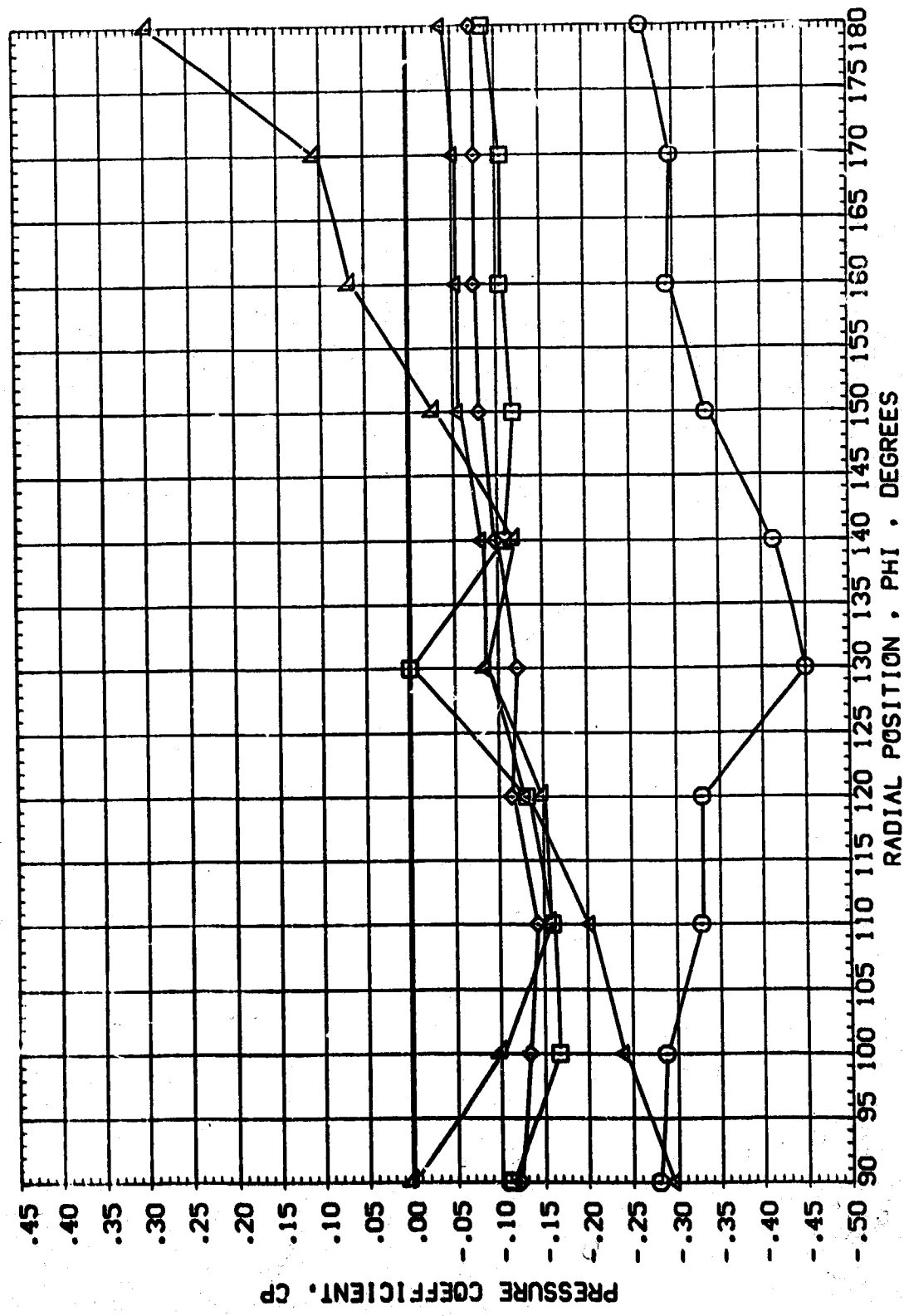


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB003)

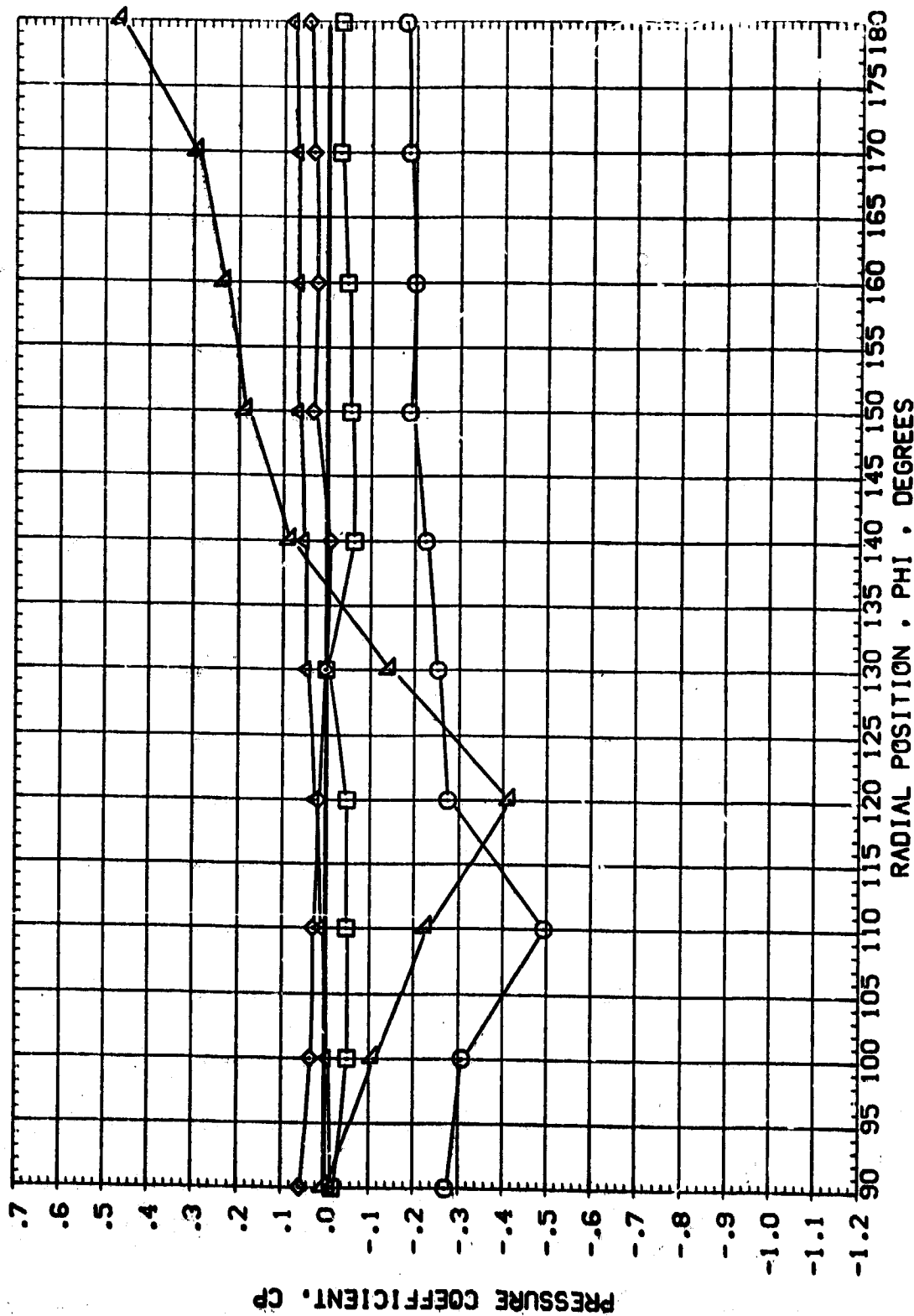
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AIRDRN	.000	RUDDER	.000
				RVAL	3.500		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
△	.264	-8.432	.751	.000	.000	.000	
◇	.405			.000			
□	.546						
○	.688						
△	.829						

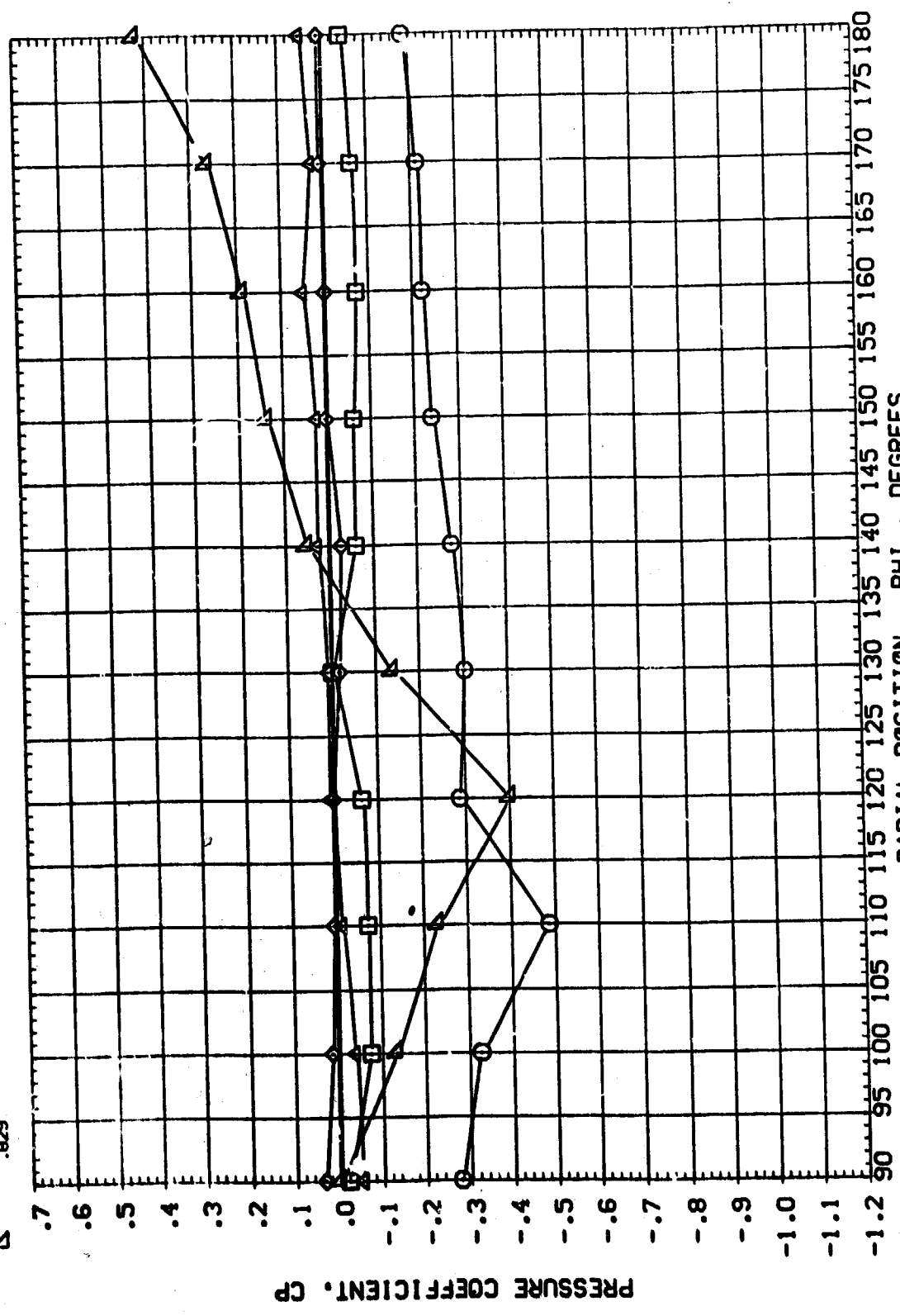


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL X/L ALPHA MACH
 .264
 .435
 .546
 .688
 .829

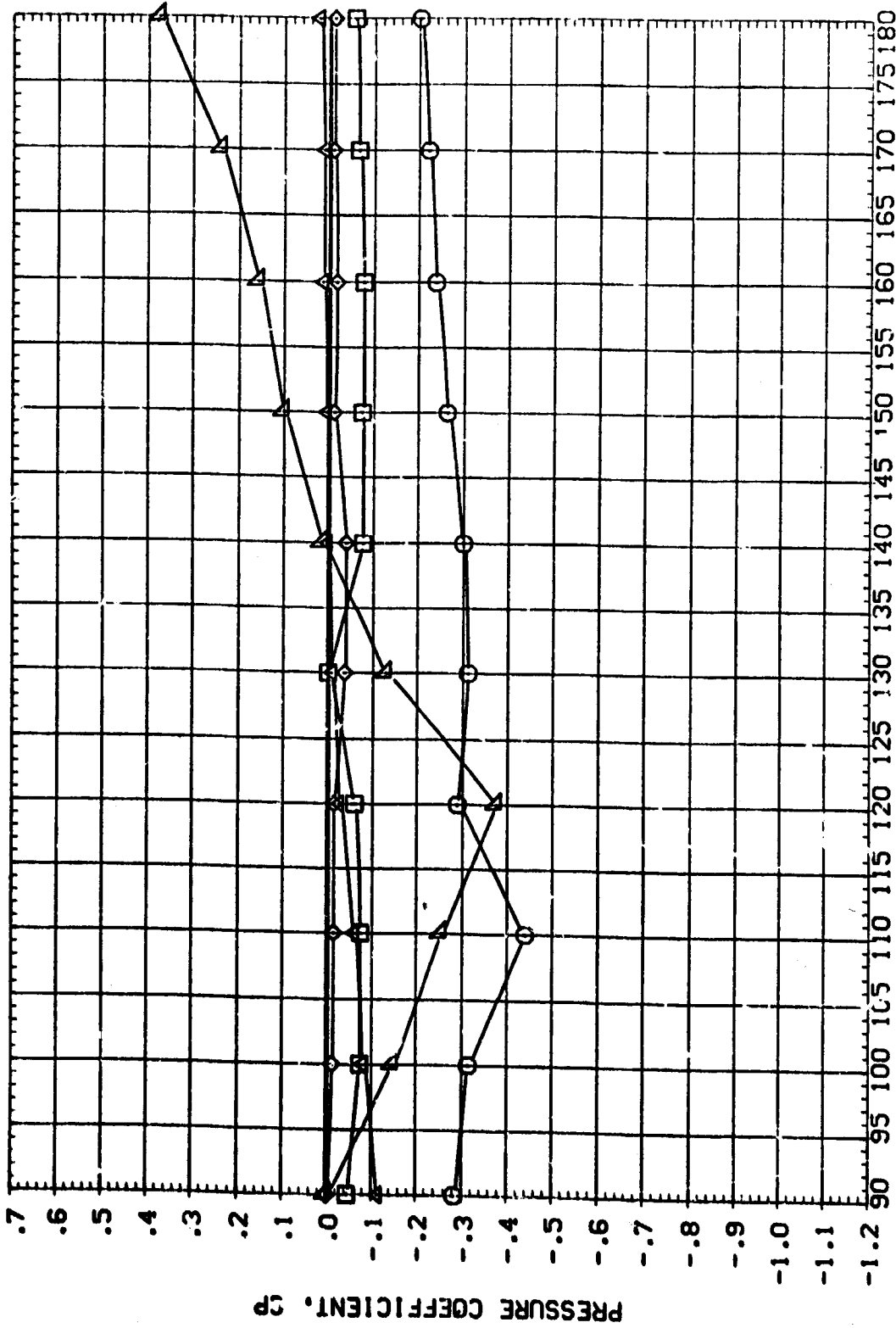
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RN/L 4.000
 ELEVTR .000
 R/OOR .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

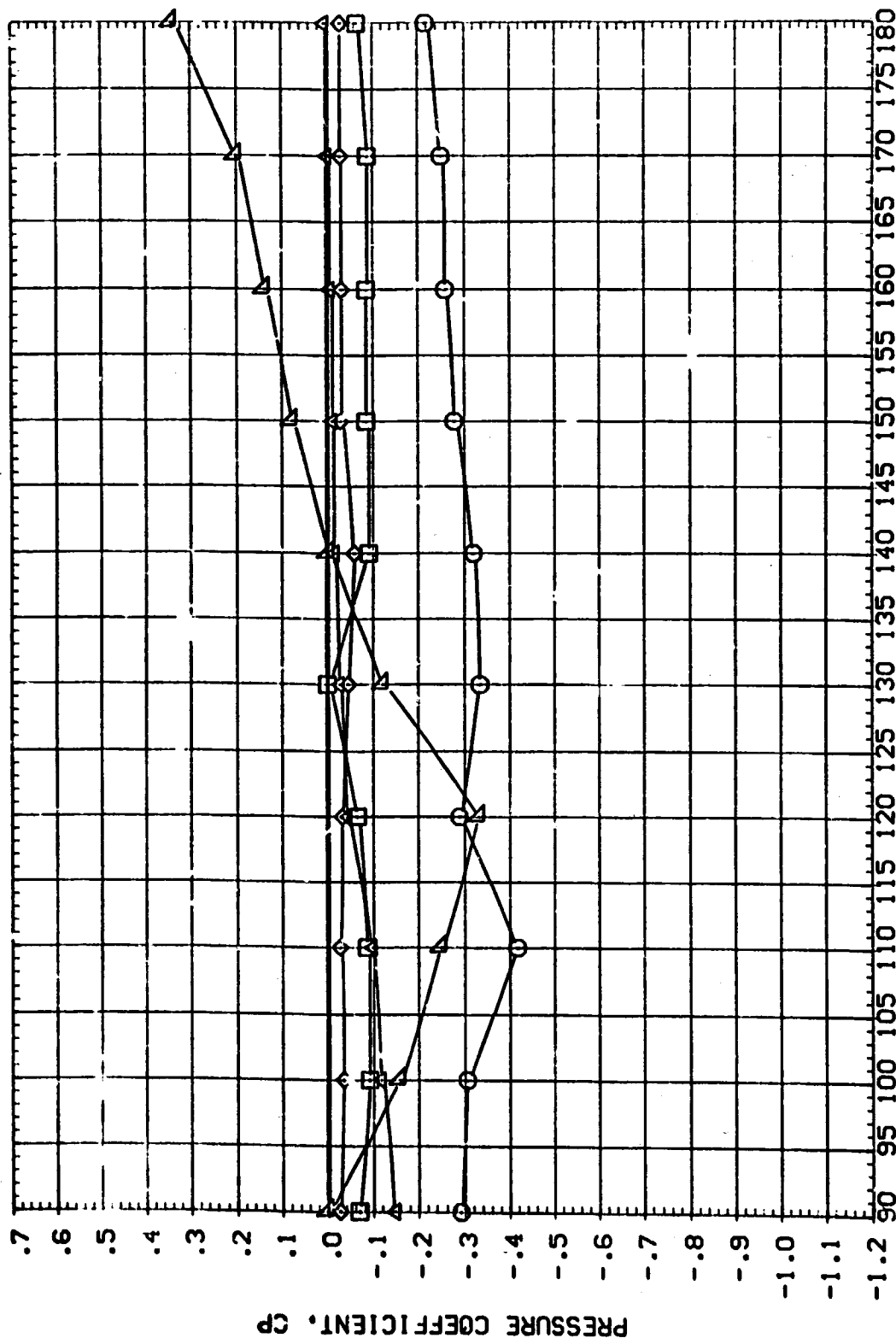
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	.000
				AILRON	.000	RUDDER
				RV/L	4.000	.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
RADIAL POSITION, PHI, DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

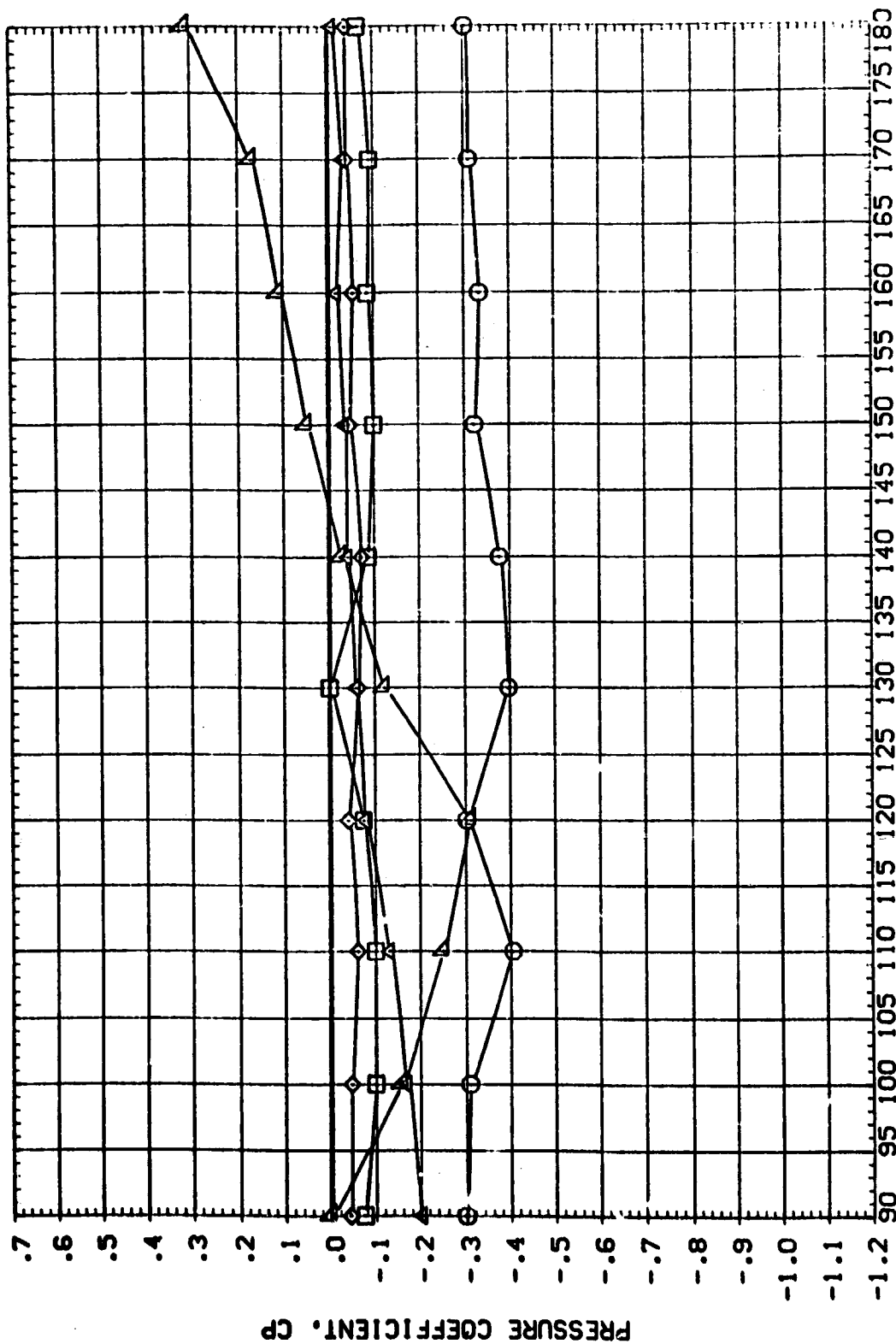
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-2.165	.751	AILRON	.000
◇	.405			RJDER	.000
□	.546			RN/L	4.000
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE9004)

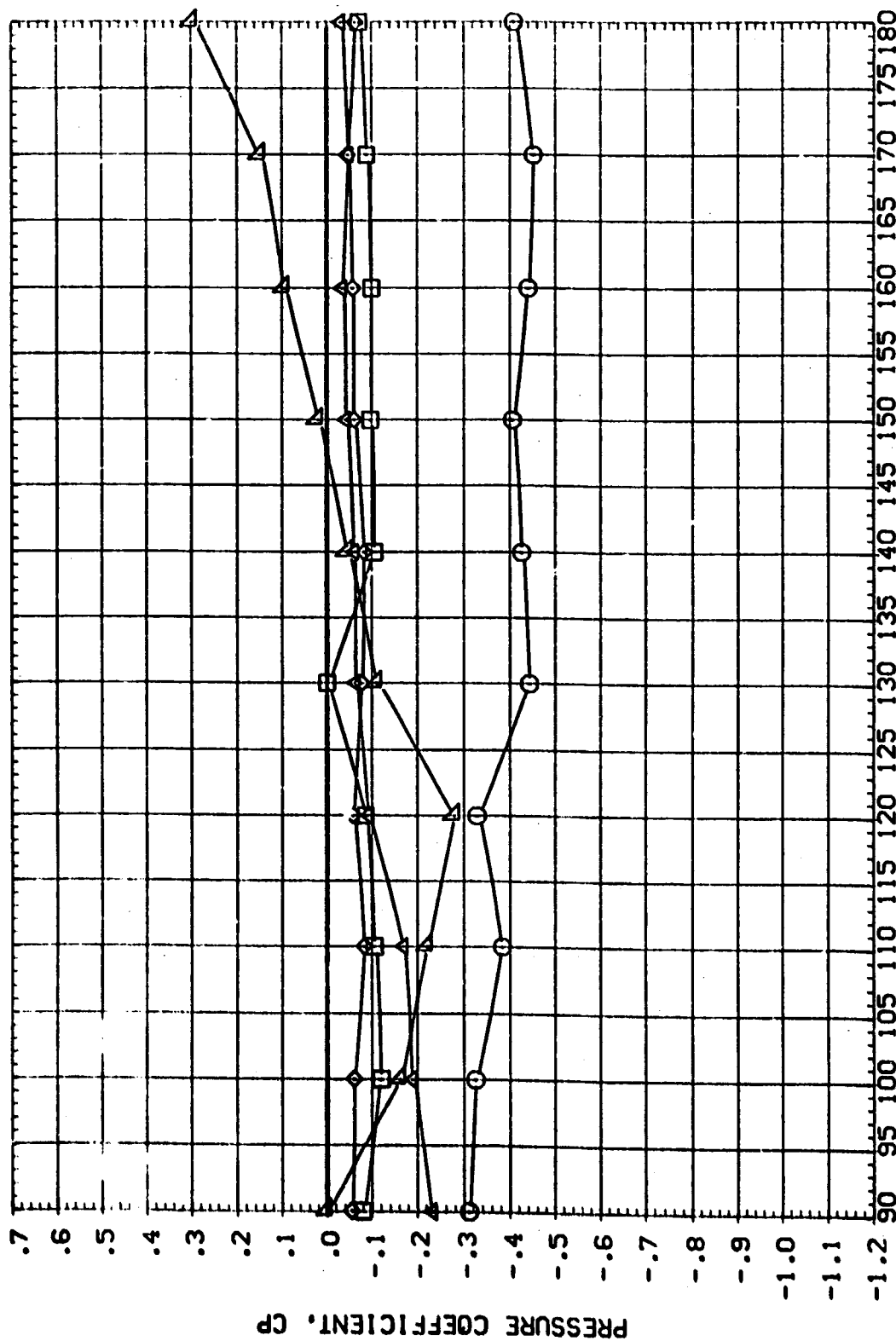
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	.000	.751	.000	ELEVTR .000
◇	.405	.000	.751	.000	RUDDER .000
△	.546	.000	.751	4.000	
▽	.688	.000	.751		
▽	.829	.000	.751		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

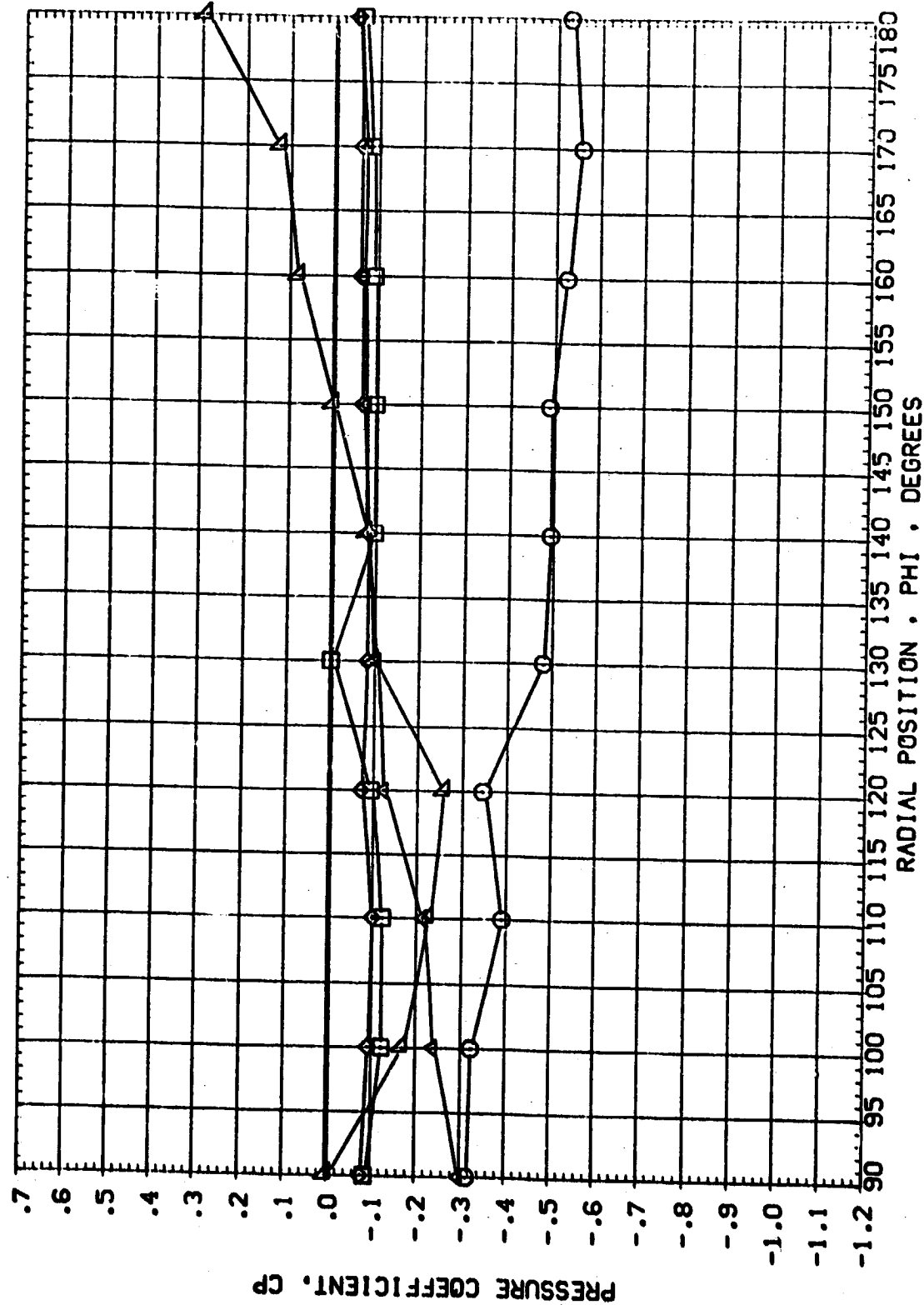
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RJODER	
◇	.264	2.081	.751	.000	.000	.000	
△	.405			.000			
□	.546			4.000			
○	.688						
×	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

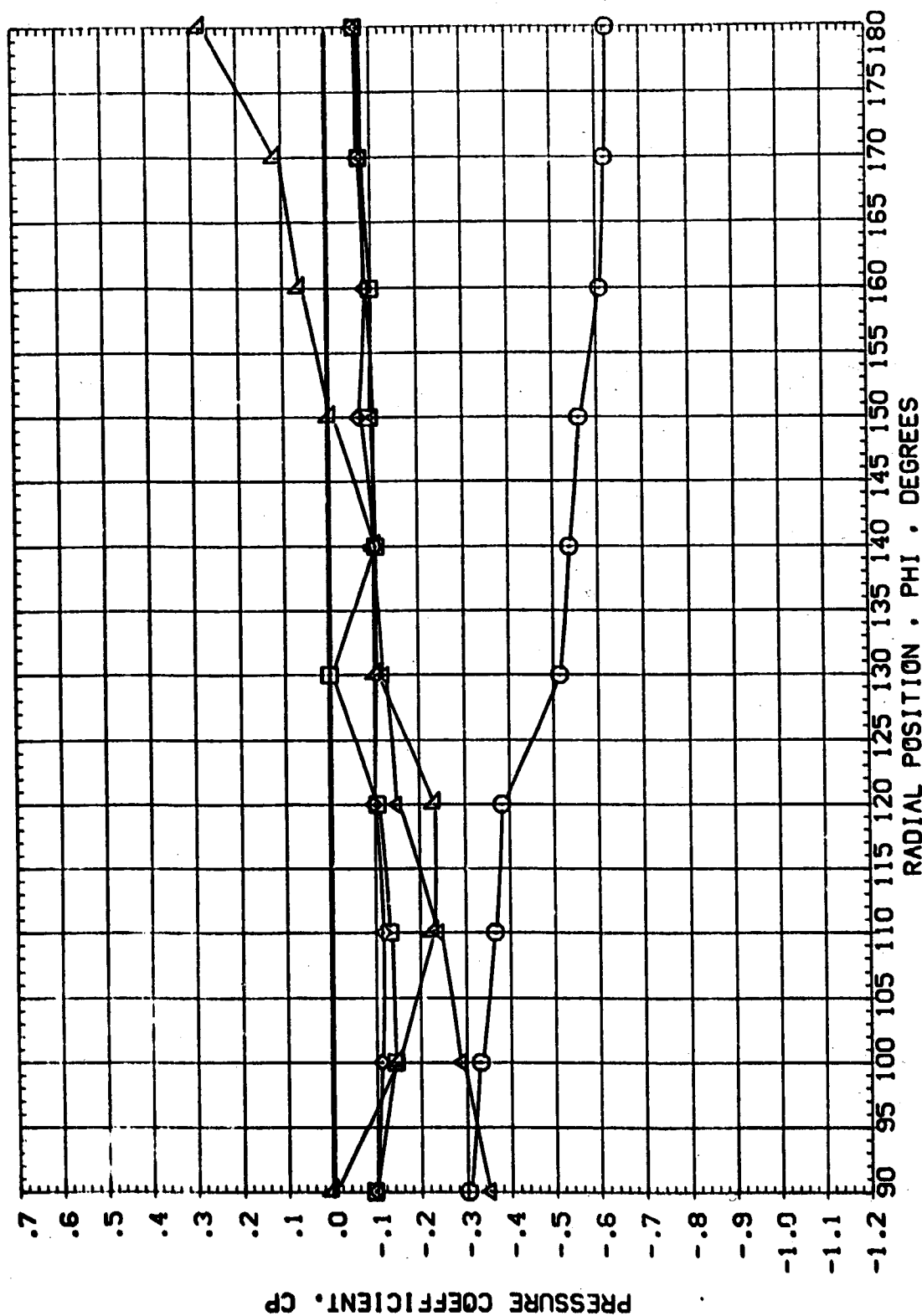
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDER	.000
				RN/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

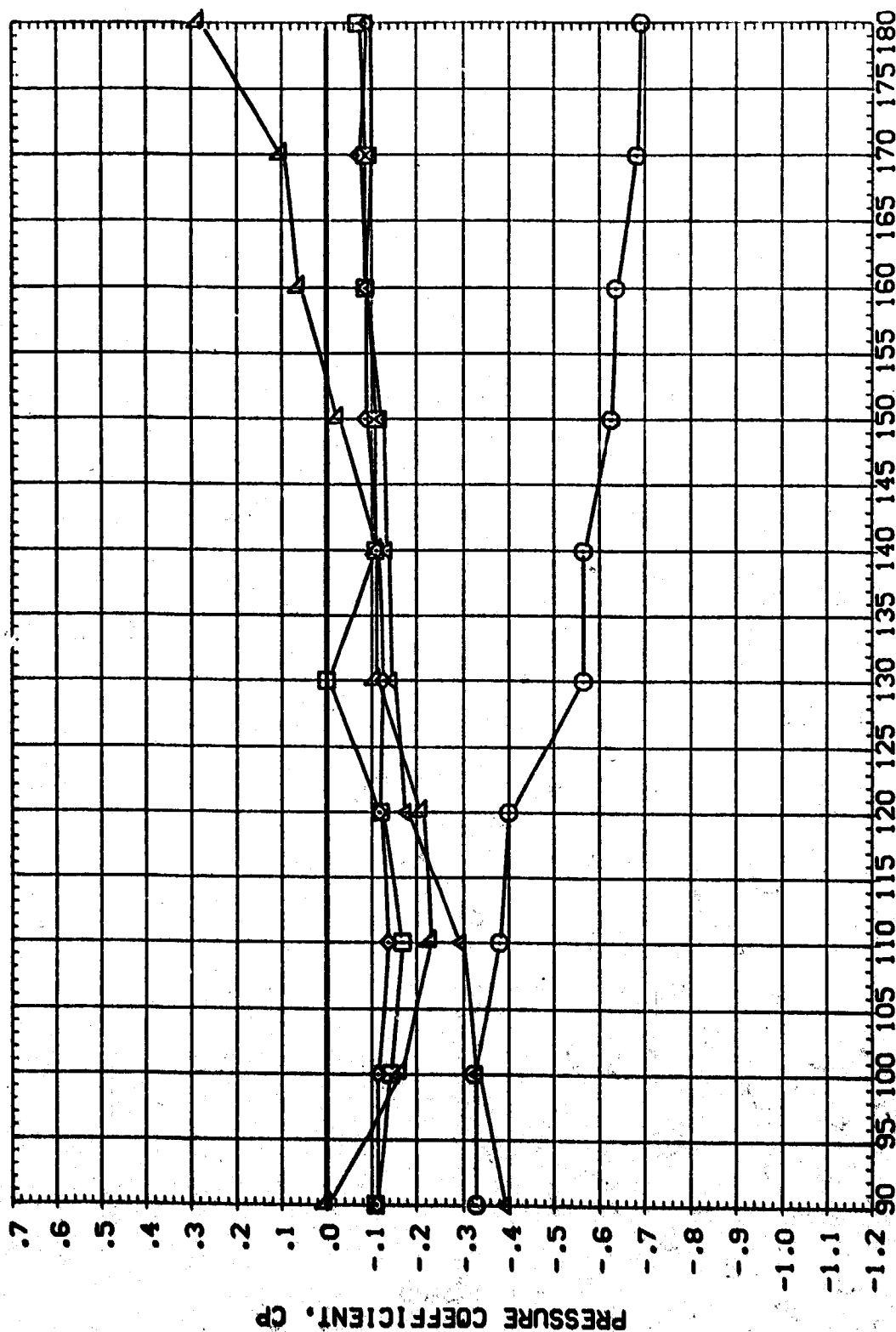
SYM	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
□	.164	6.380	.752	AILRON	.000	RDOER	.000
◇	.405			RN/L	4.000		
△	.546						
▽	.698						
△	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

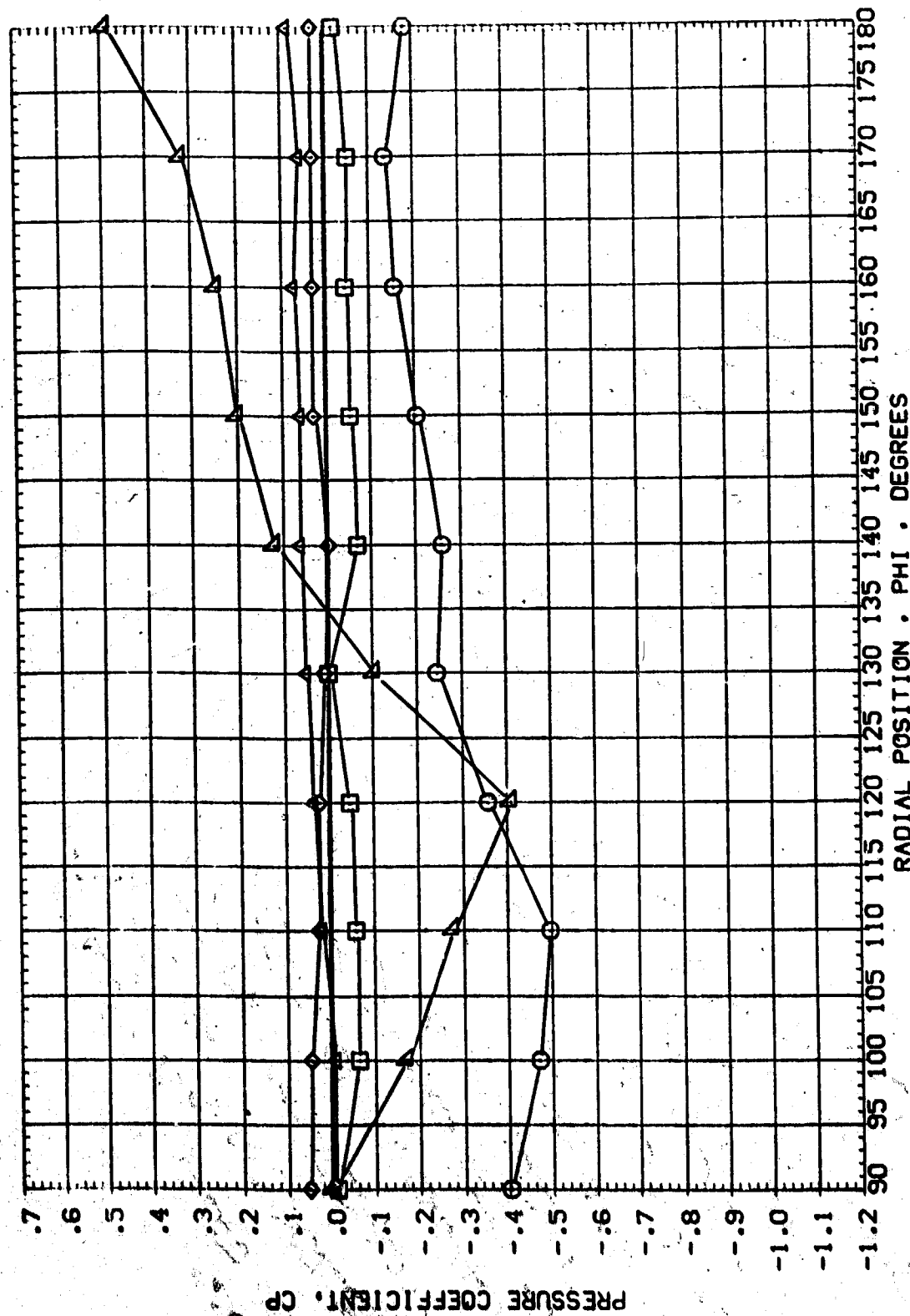
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES	
○	.264	8.462	.752	AILRON	.000	
□	.405			RVL	.000	
◇	.546				ELEVTR	.000
△	.688				RUDER	.000
▽	.829					4.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
▽	.264	-8.398	.949	ALLRON	.000
◇	.405			RN/L	.000
□	.546				4.000
△	.688				
▽	.829				

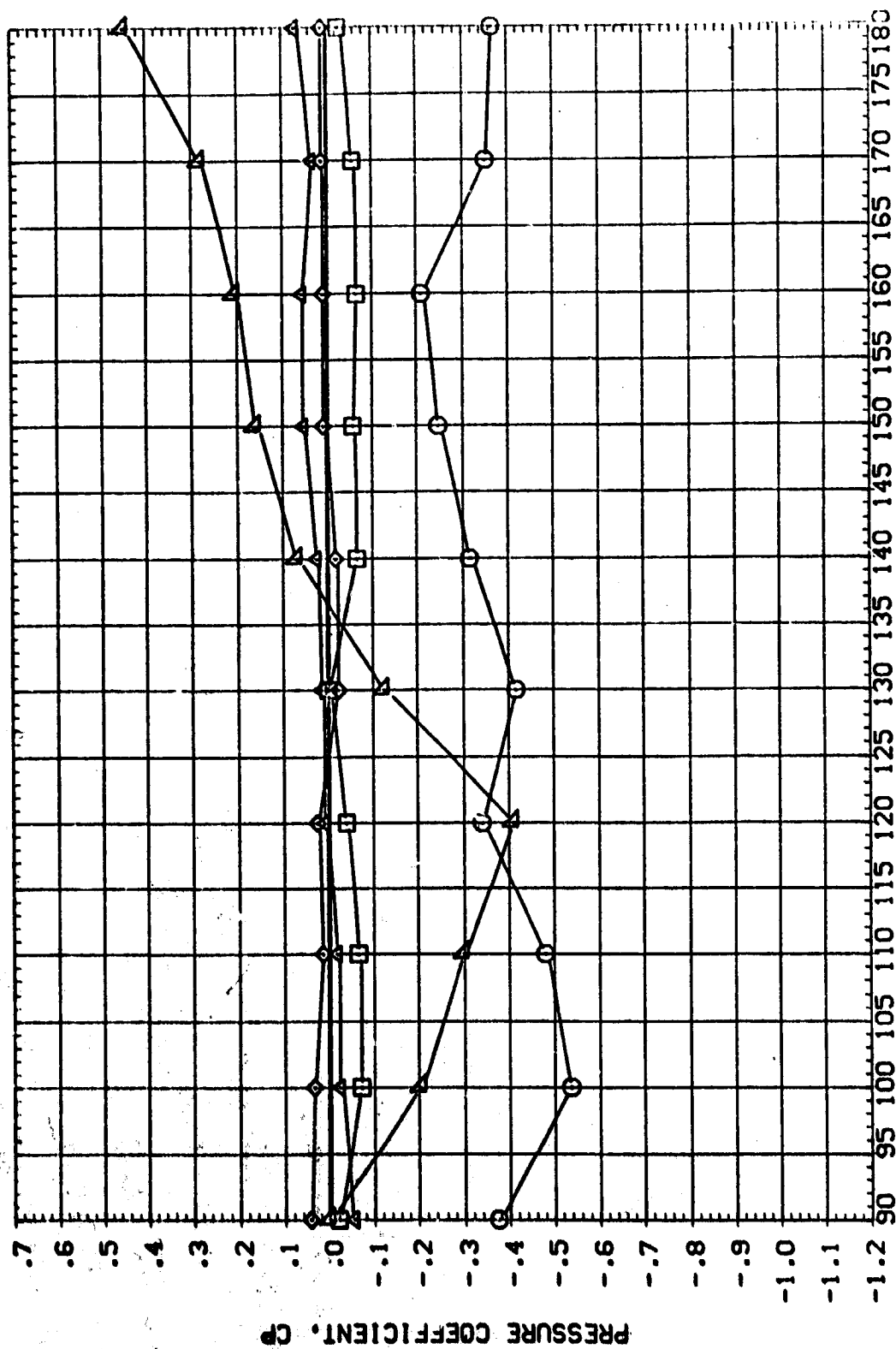


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 55-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.000

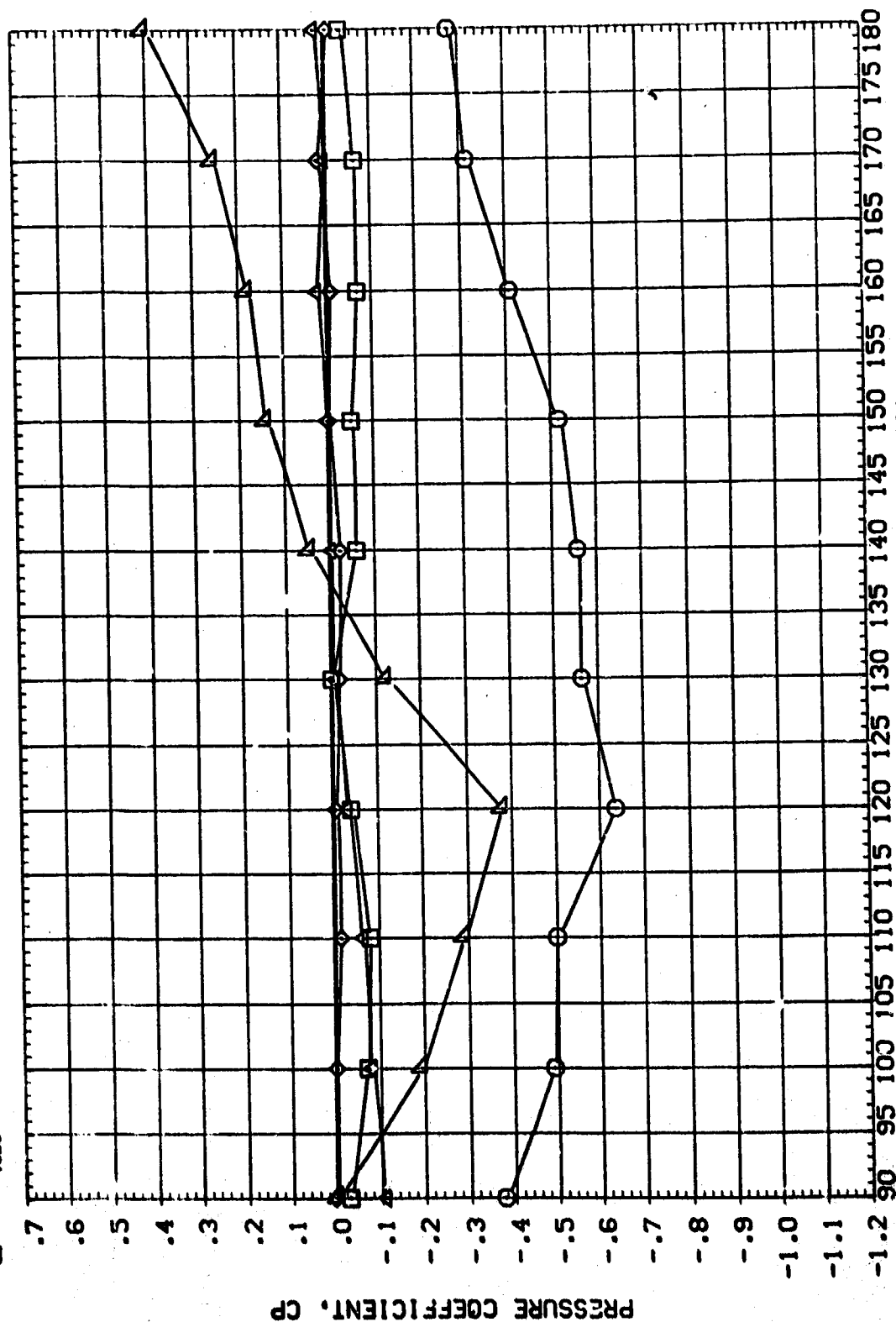
SYMBOL X/L ALPHA MACH
 0 .264
 1 .405
 2 .546
 3 .688
 4 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

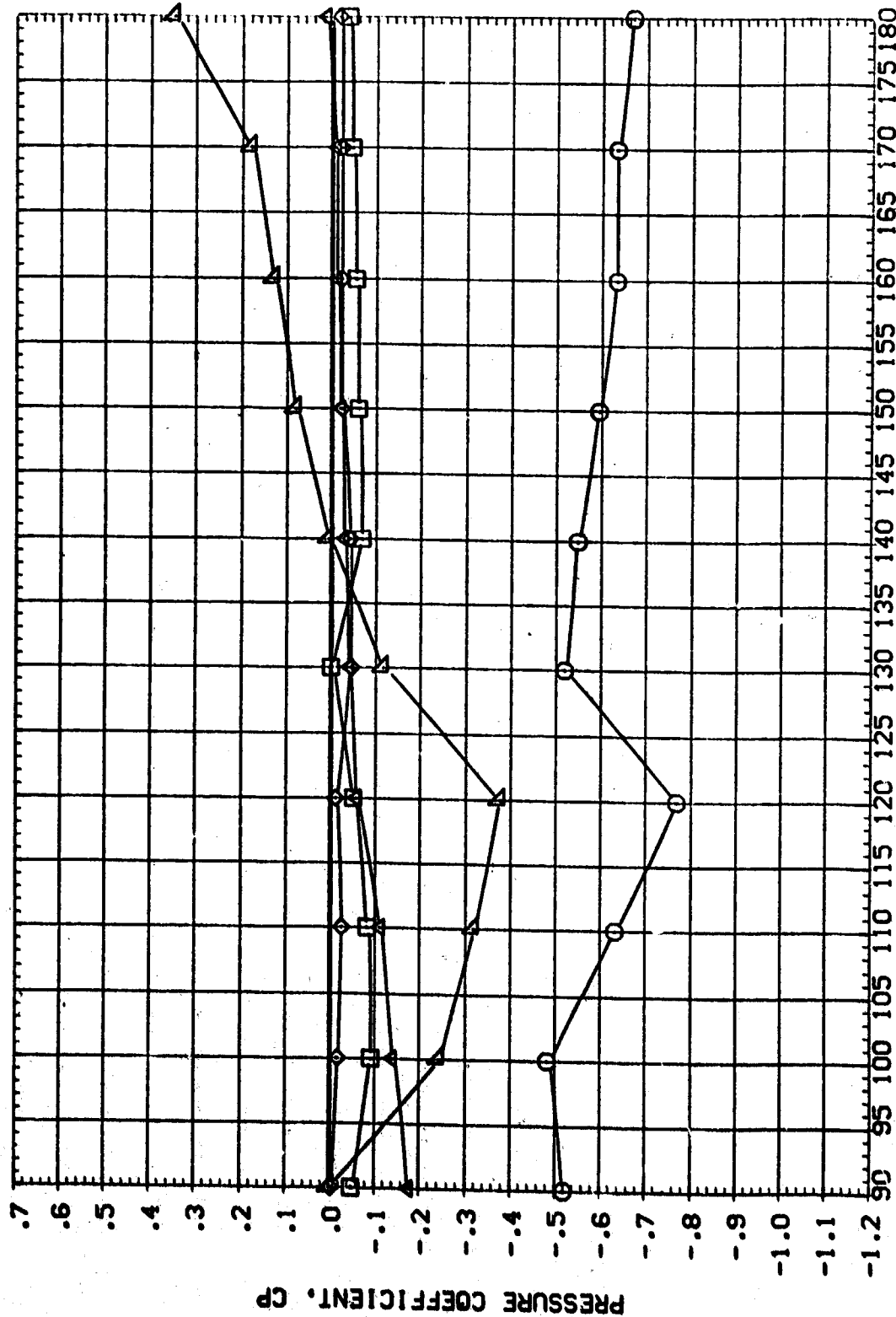
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
	.264	-4.154	.652	BETA	.000	ELEVTR	.000
	.405			ATLDRN	.000	RDOER	.000
	.546			RN/L	4.000		
	.689						
	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-2.022	.849	AILRON	.000
□	.405			RN/L	.000
◇	.546				FLUDDR
△	.688				4.000
▽	.829				

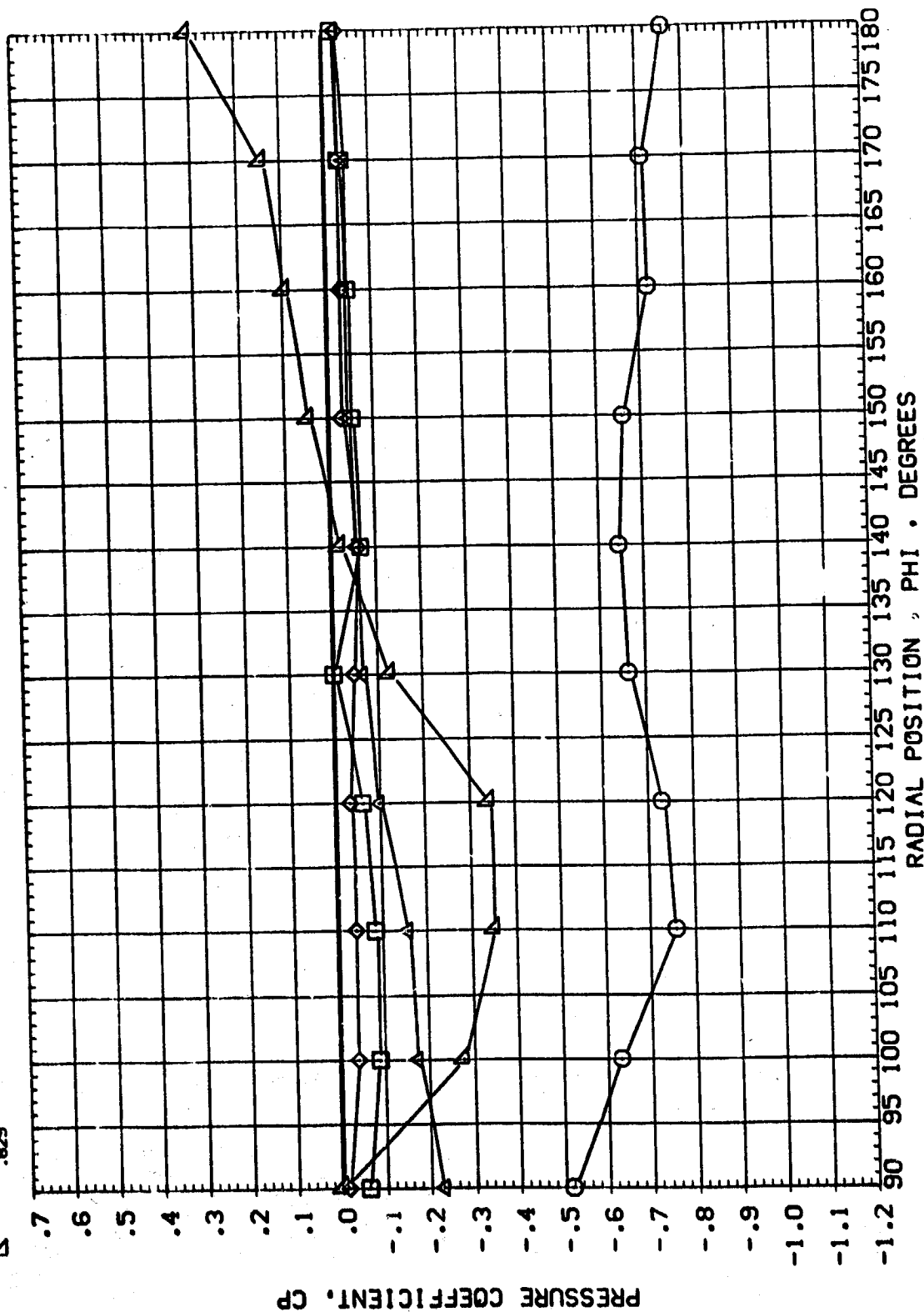


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RN/L 4.000

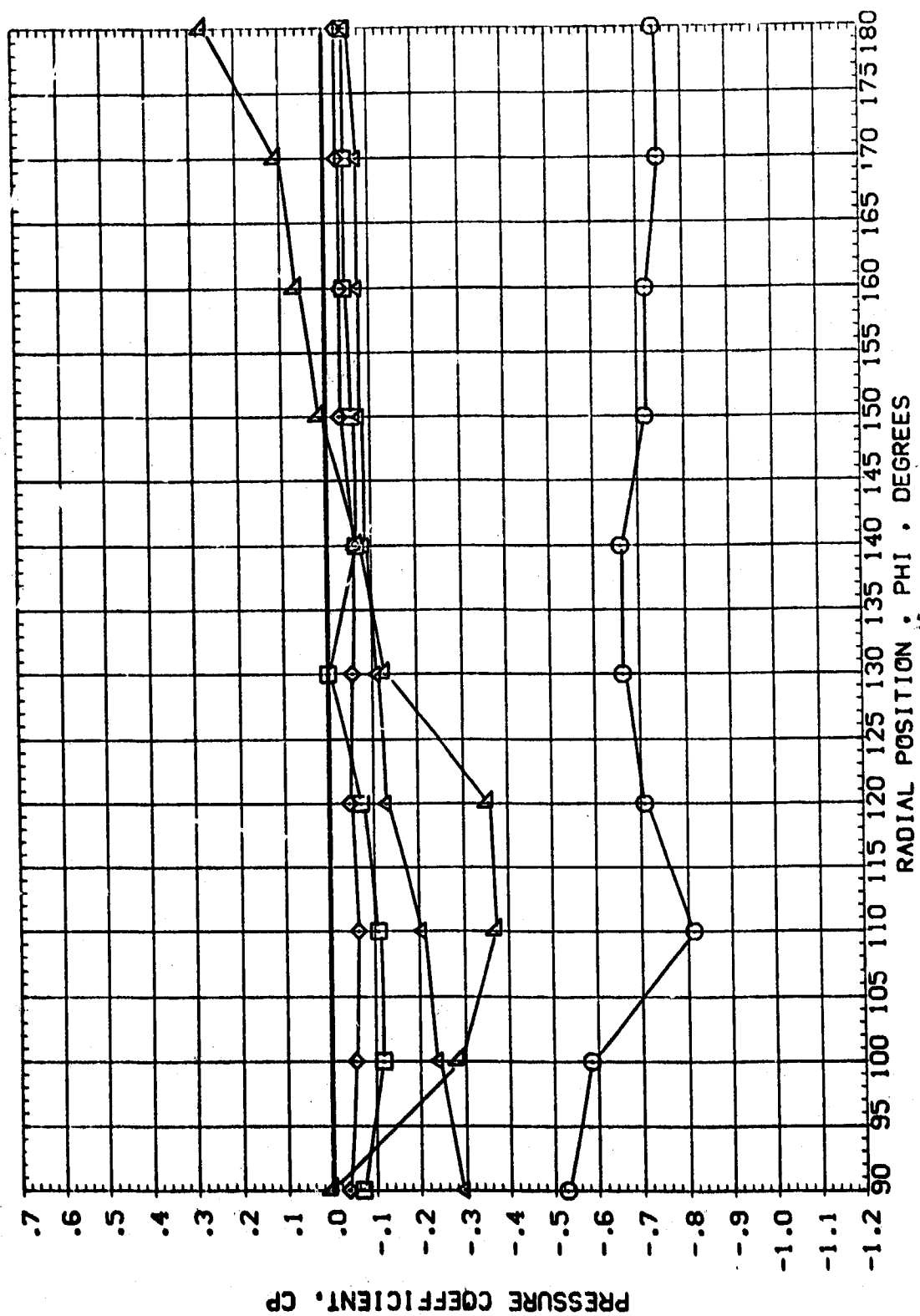
SYMBOL X/L ALPHA MACH
 .264
 .405
 .546
 .688
 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

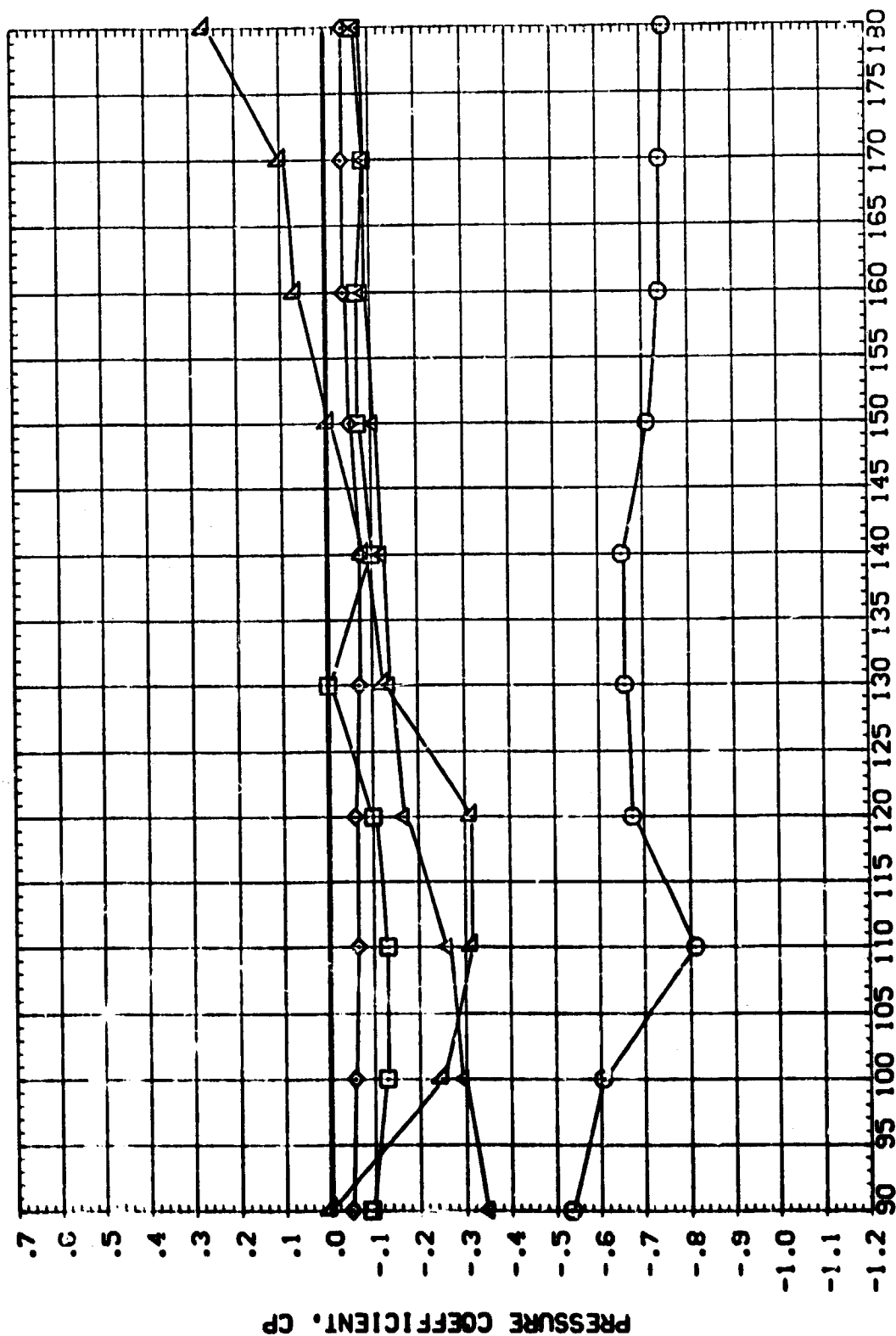
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
▽	.264	2.317	.852	AILRON	.000
◇	.405			RUDDER	.000
□	.546				4.000
△	.588				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	M/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RM/L	4.000		

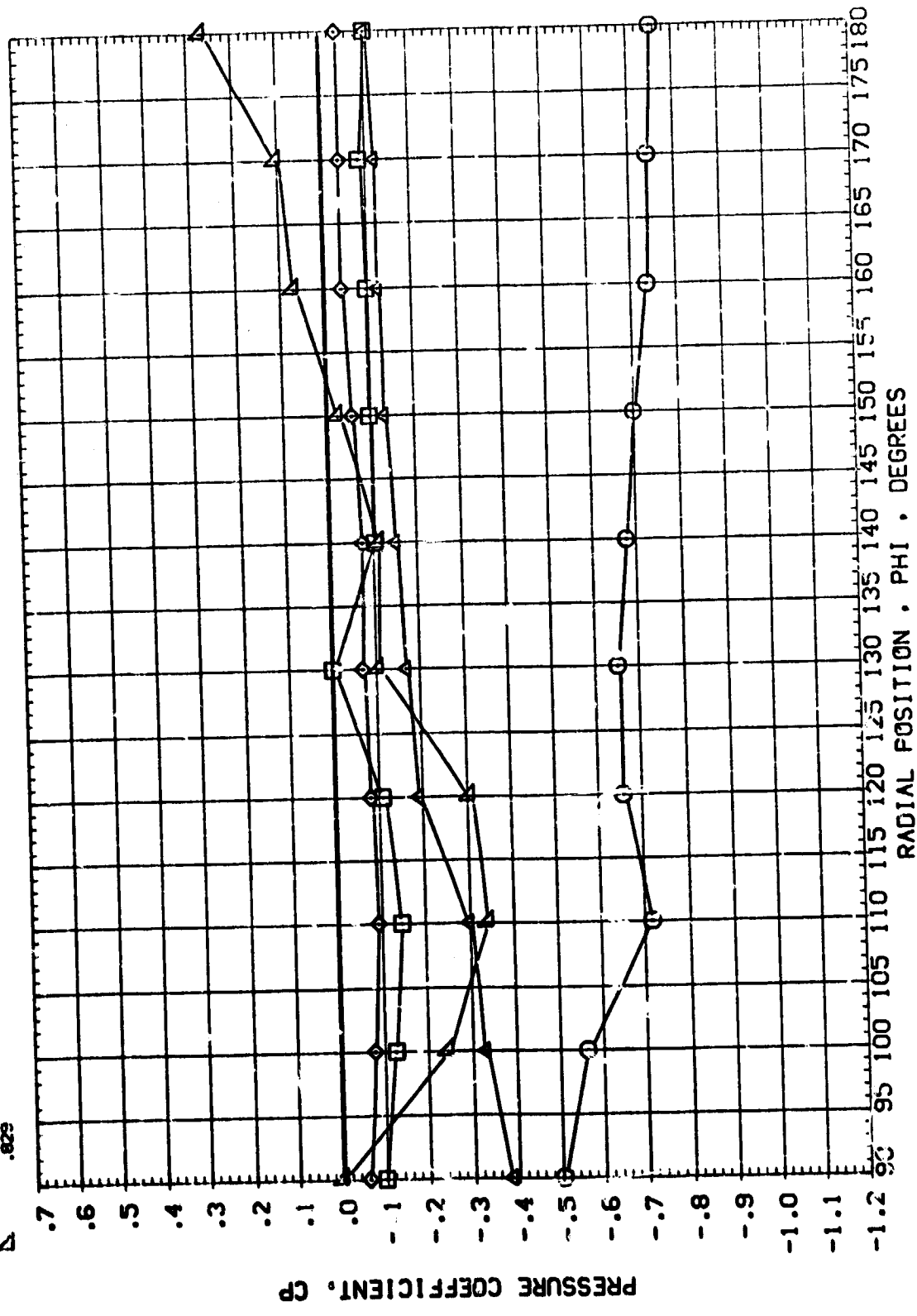


RADIATION DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 R/V/L 4.000
 ELEVTR .000
 RUDDER .000

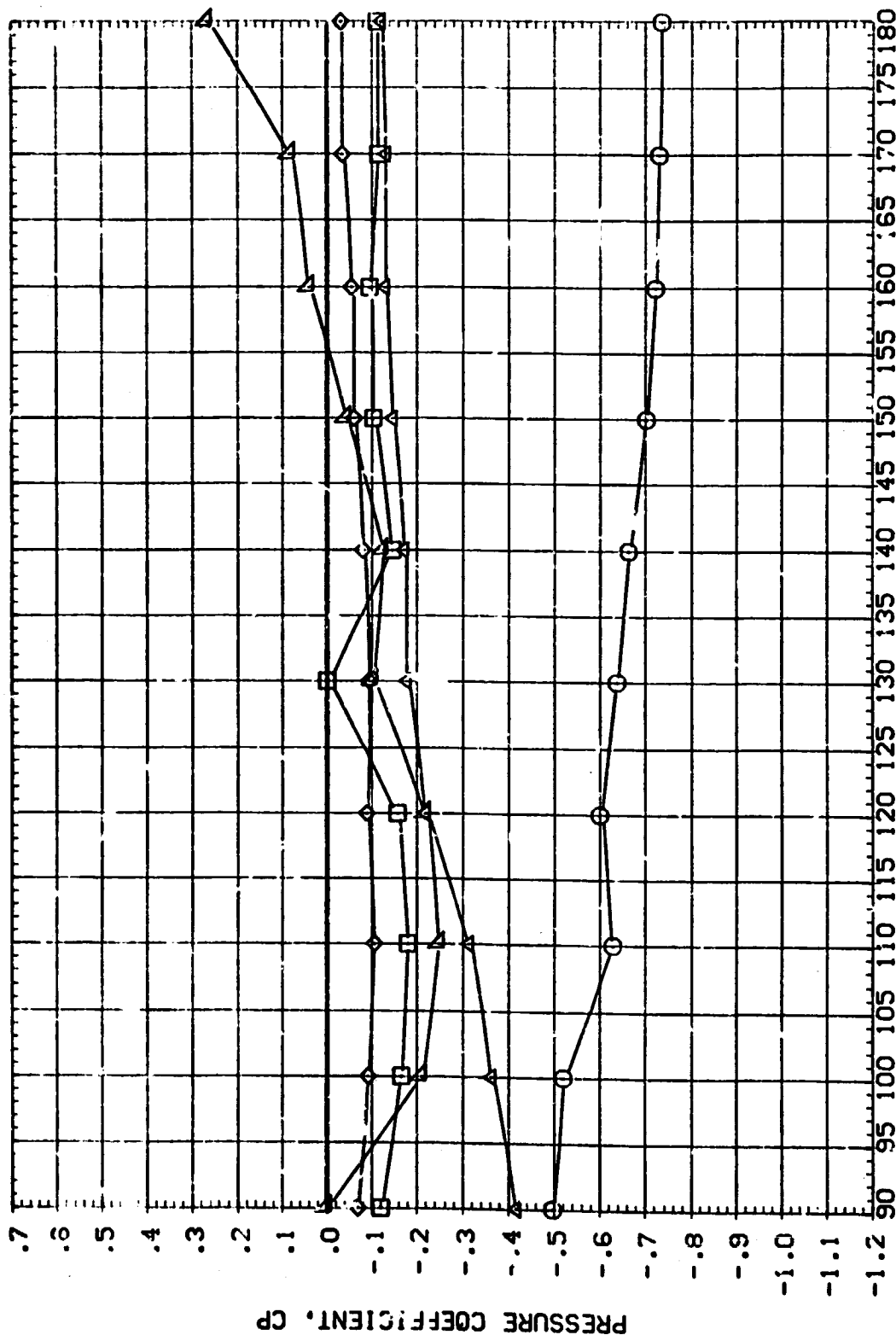
ALPHA MACH
 6.533 .852
 X/L
 .264
 .405
 .546
 .688
 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION . PHI . DEGREES

APES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

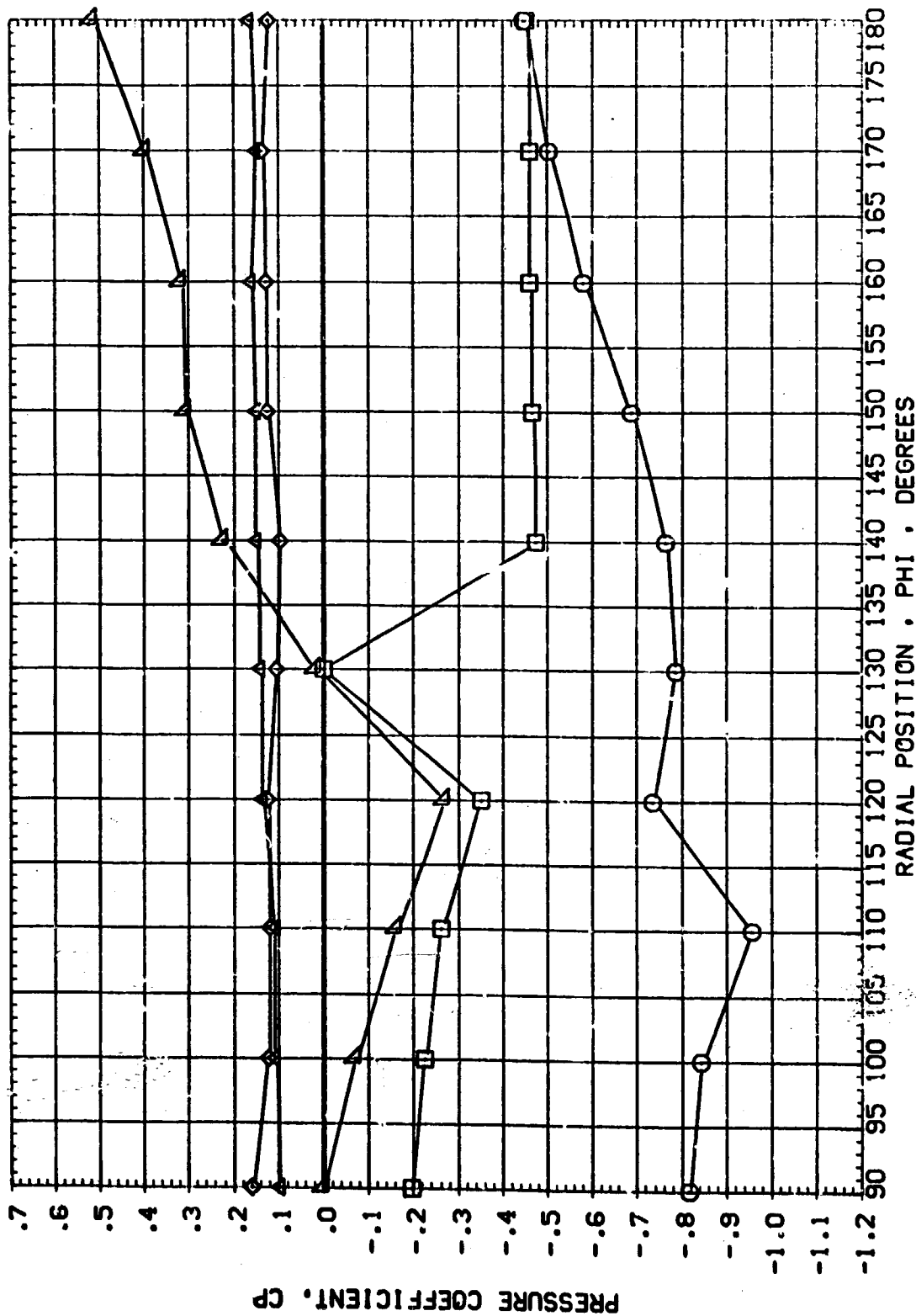
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	0.625	.851	AILRON	.000
□	.475			RN/L	.000
◇	.546				4.000
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
△	.264	-8.346	.950	AILRON	.000
◇	.405			RN/L	.000
◇	.546				4.000
◇	.688				
△	.829				

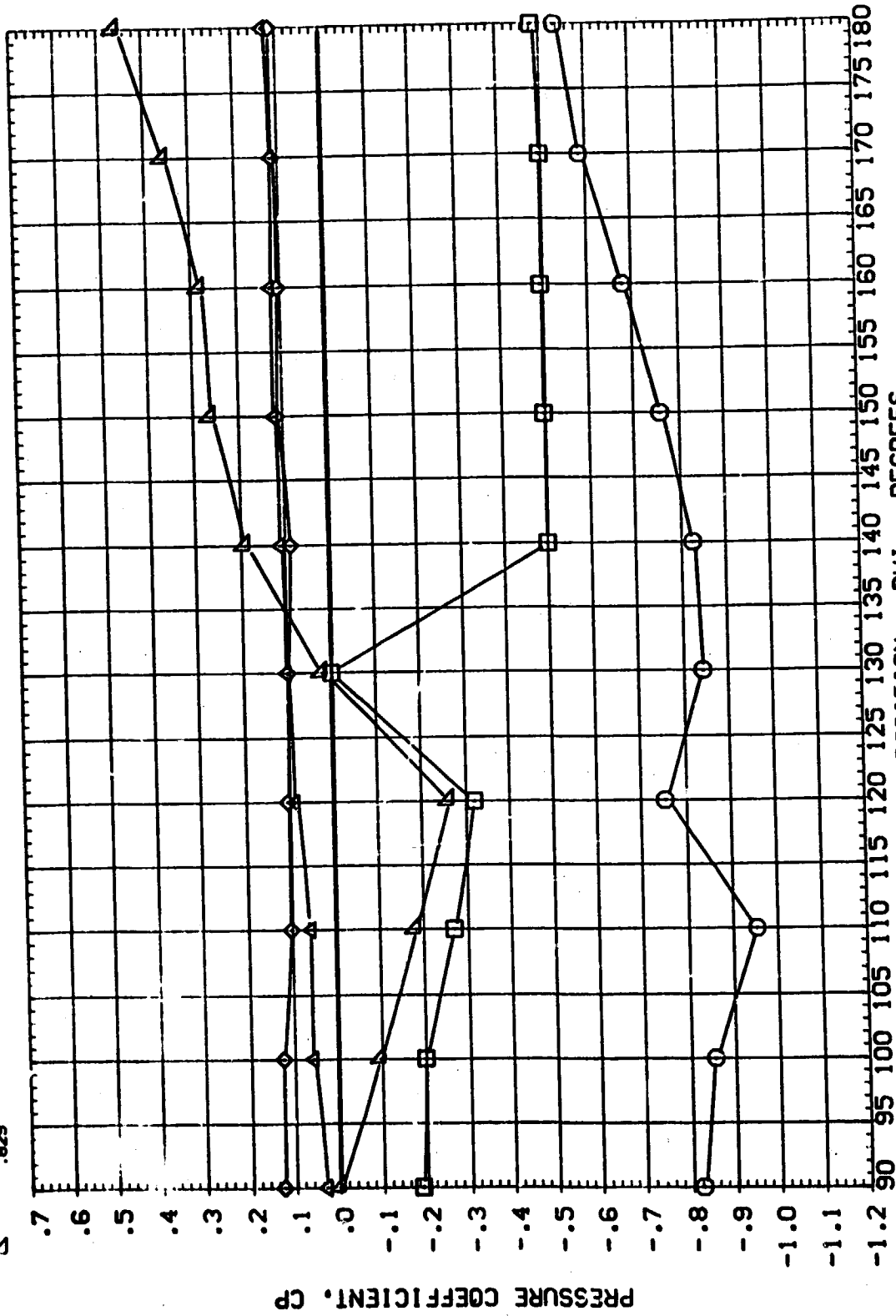


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

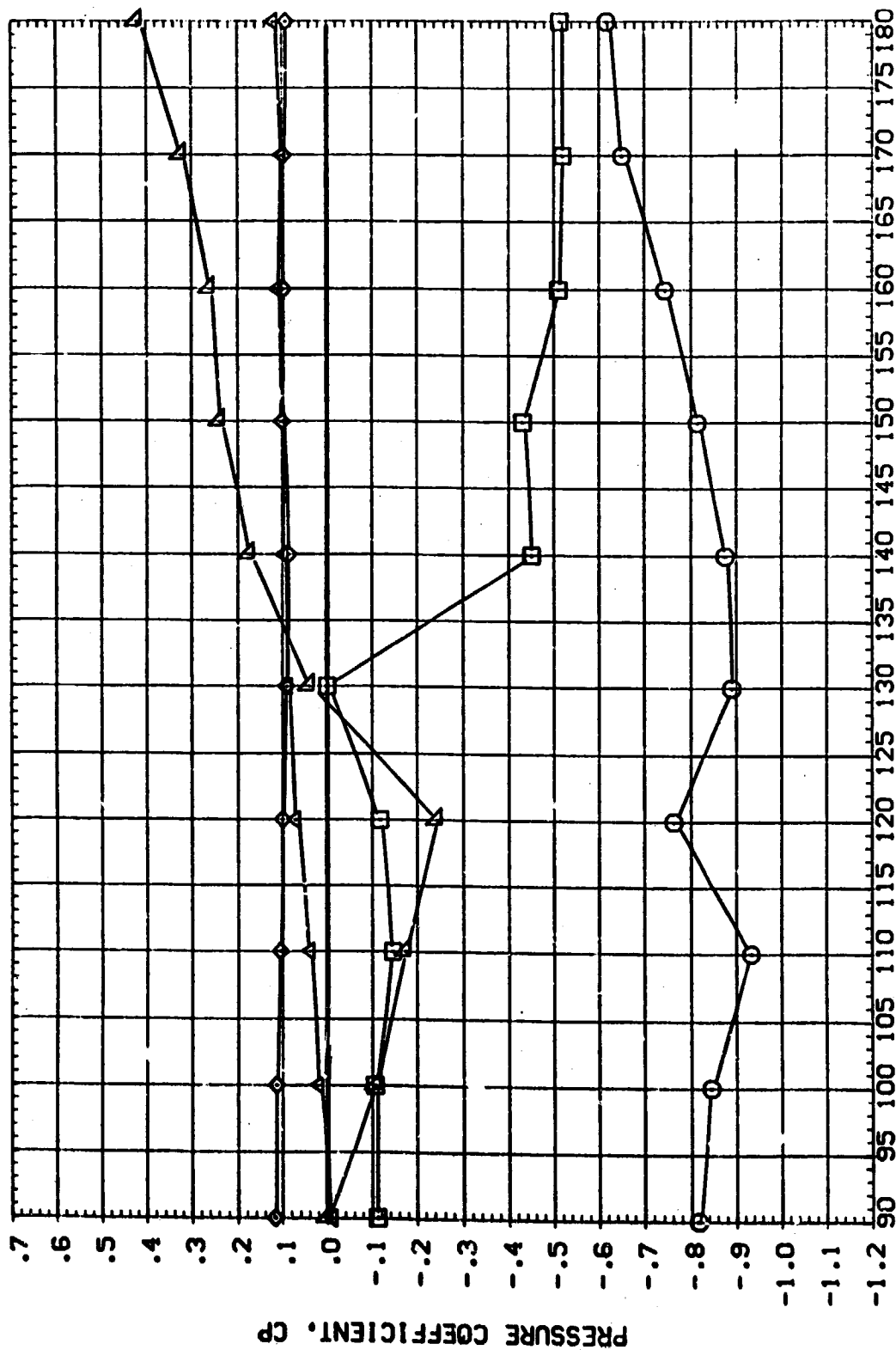
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	-6.192	.949	BETA	.000	ELEVTR
	.405			AILRON	.000	RUDDER
	.546			RV/L	4.000	
	.688					
	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 65-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
◇	.264	-4.099	.951	AILRON	.000
□	.405			RN/L	.000
△	.546				4.000
◇	.688				
△	.829				

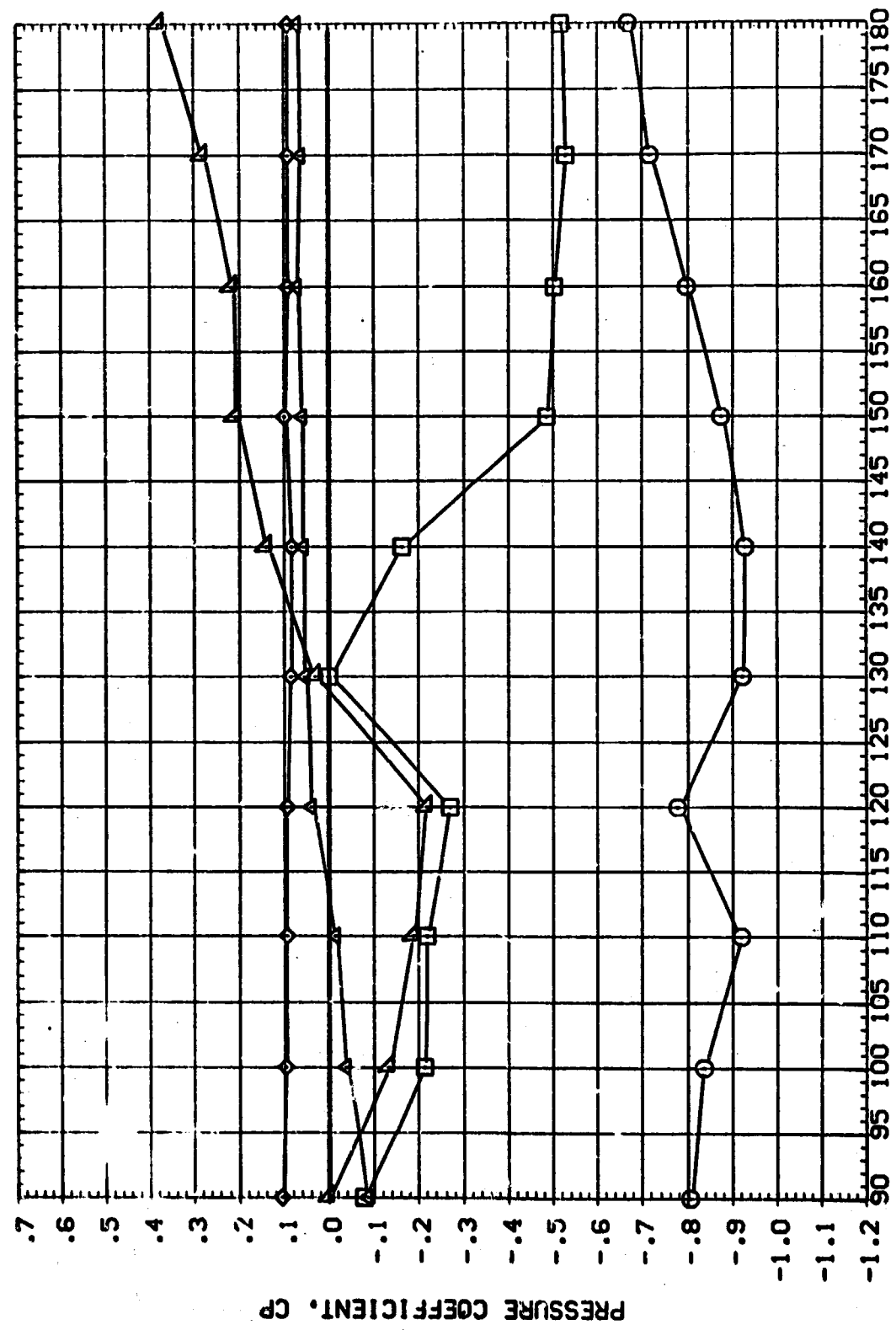


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

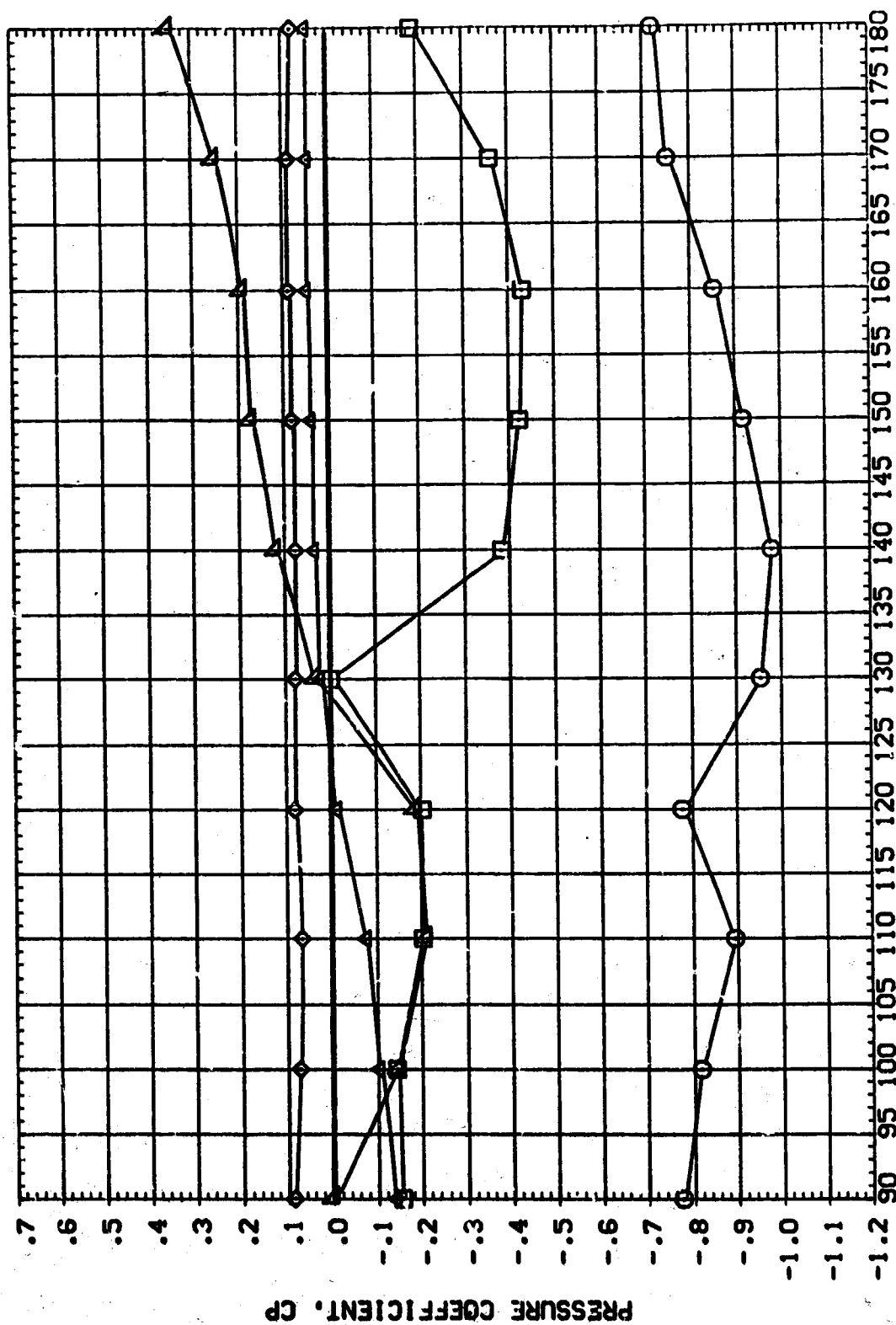
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
▽	.264	-1.966	.951	AILRON	.000
◇	.405			RN/L	4.000
△	.546			ELEVTR	.000
□	.688			RUDDER	.000
○	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMEC 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

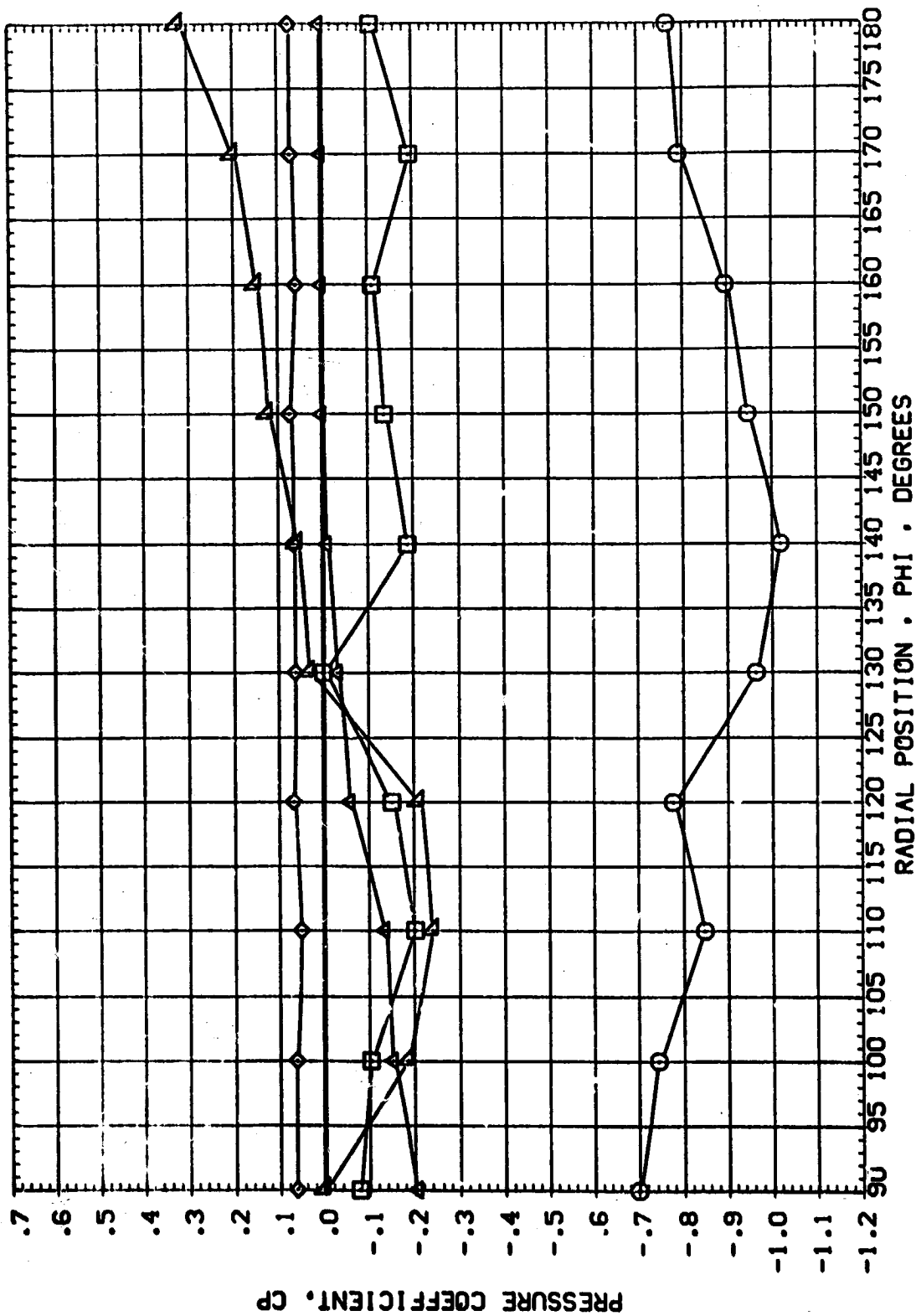
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AIR/ON	.000	R/ODER	.000
				RN/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

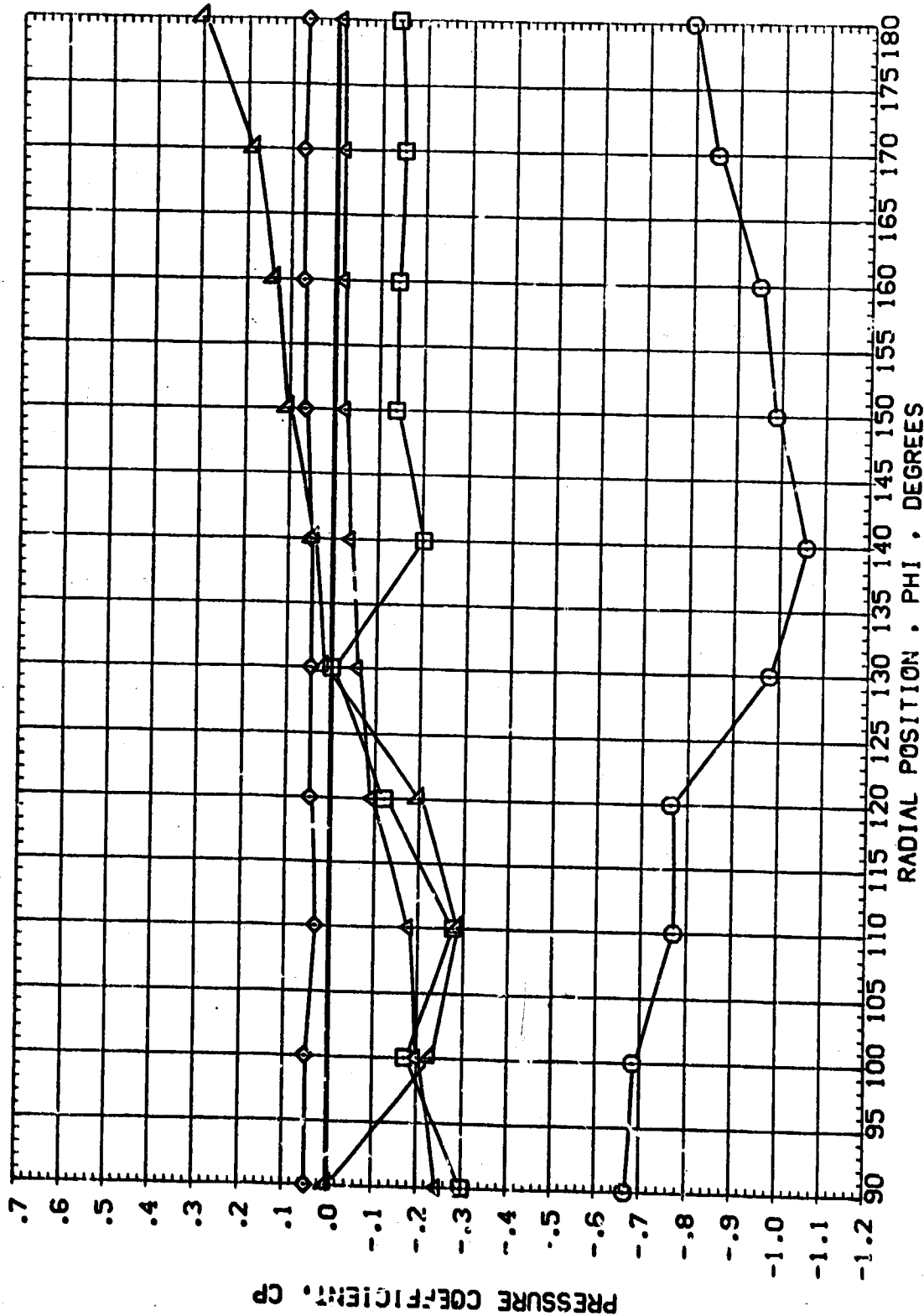
SYMBOL	ALPHA	MACH	BETA	PARAMETRIC VALUES
△	.264	2.309	AILRON	.000
◇	.405		RVL	.000
□	.546			4.000
▽	.688			
▽	.829			



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	4.460	.951	AILRON	.000
□	.405			R/V/L	.000
◇	.546				4.000
△	.688				
▽	.829				

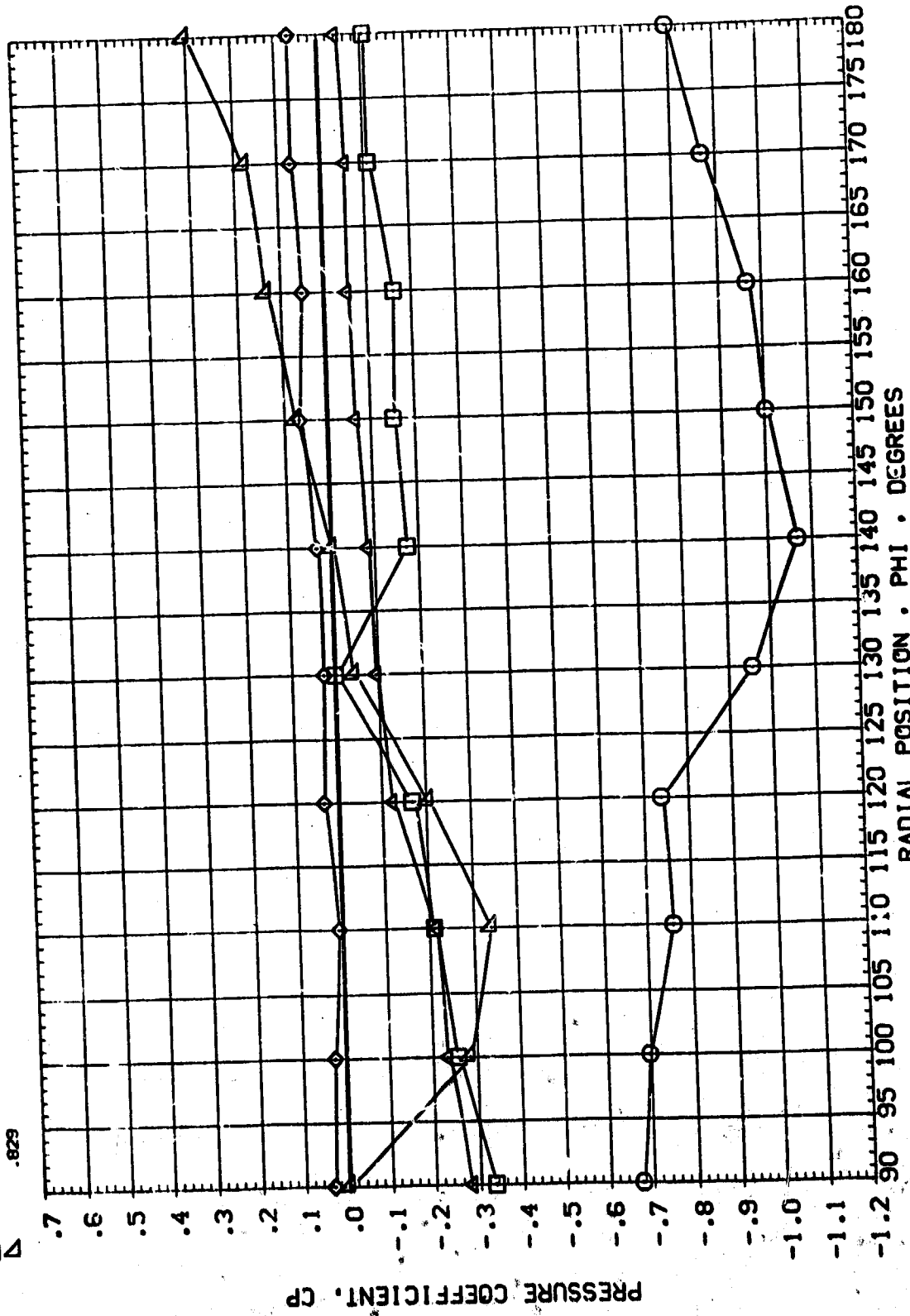


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 ALLRON .000
 RV/L 4.000
 ELEVTR .000
 RUDDER .000

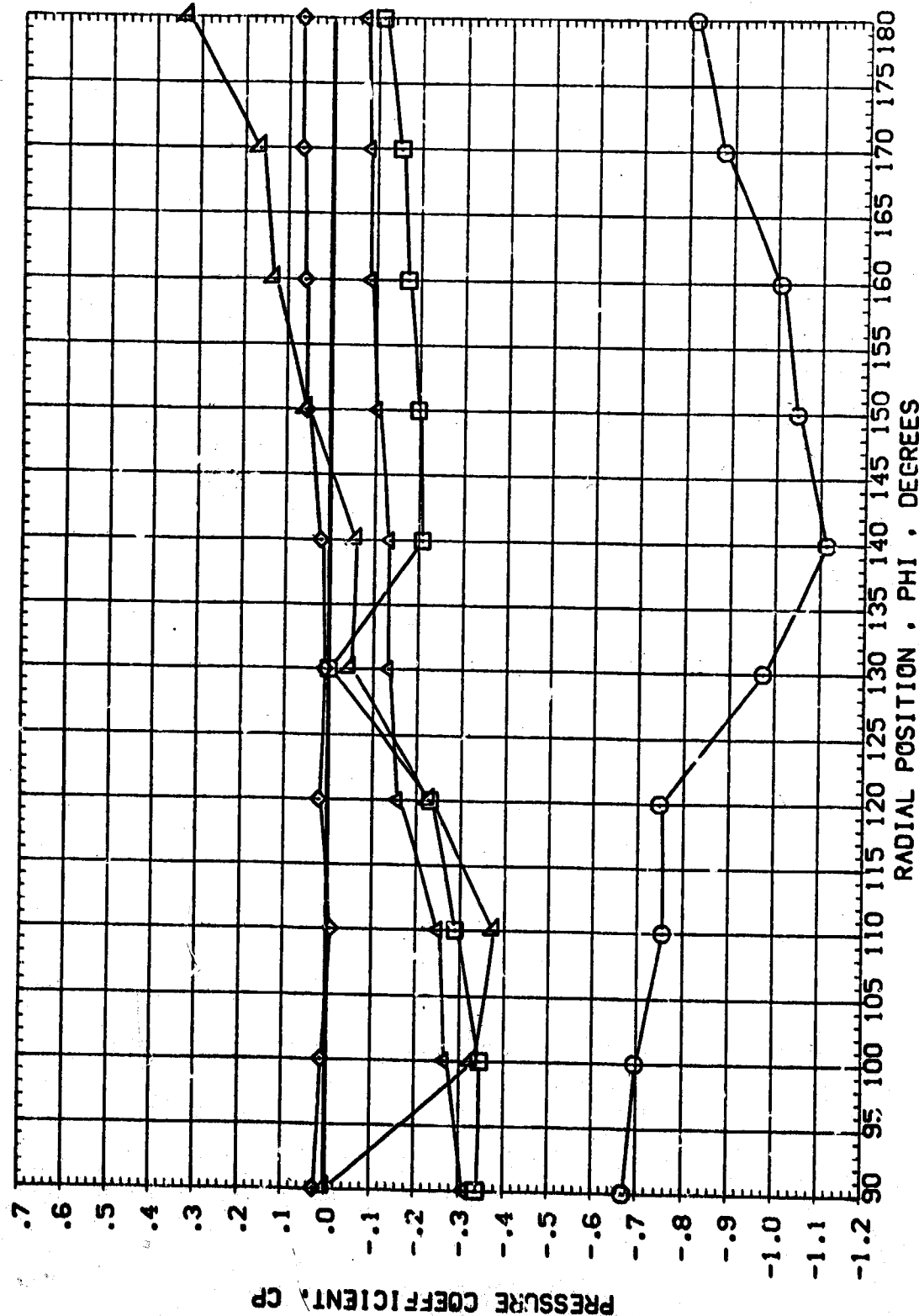
SW20L
 X/L .264
 ALPHA 6.637
 MACH .952
 .405
 .546
 .688
 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	8.743	.945	AILRON	.000
△	.405			ELEVTR	.000
◇	.546			RUDER	.000
▽	.688			RN/L	4.000
▽	.829				

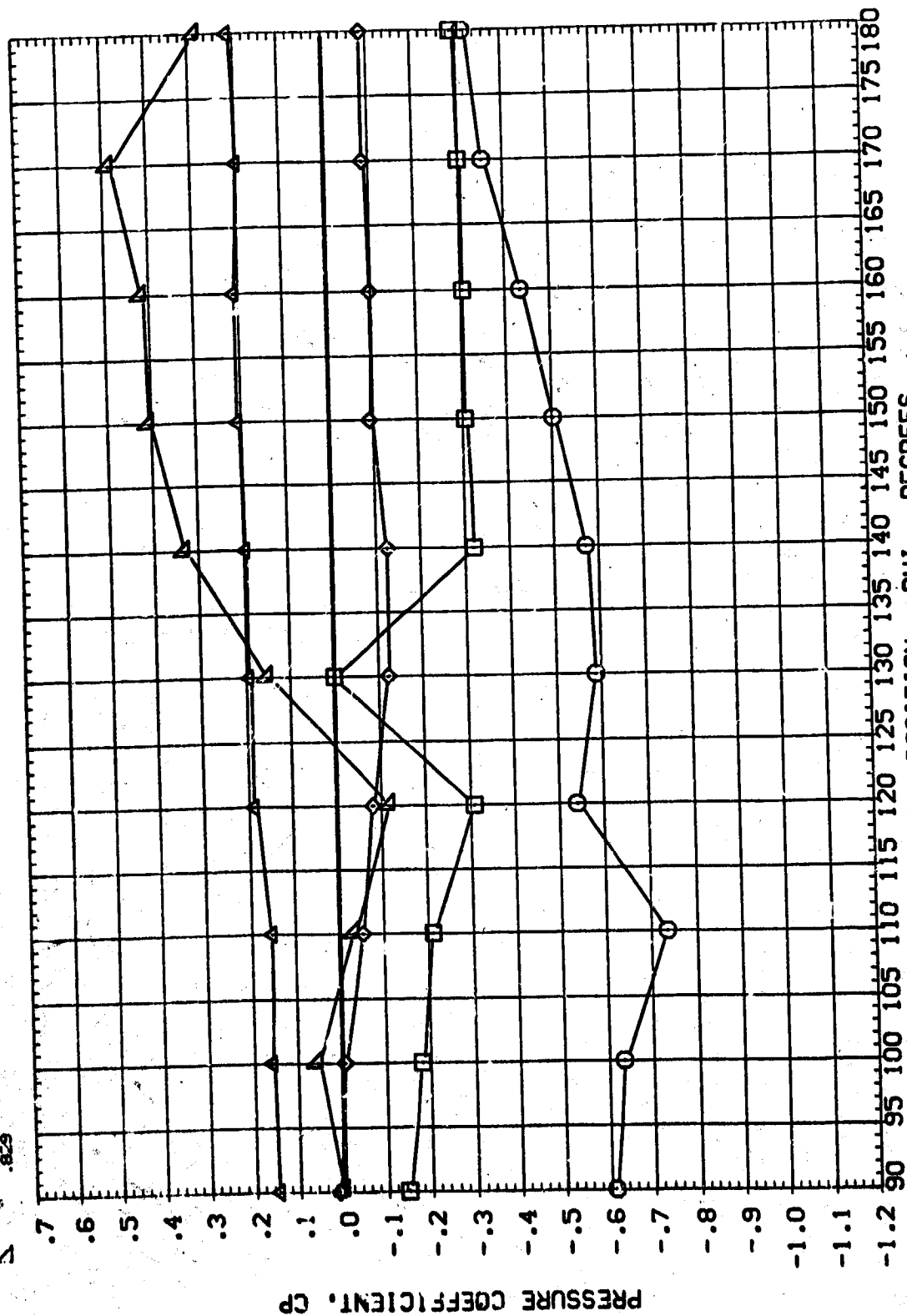


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL X/L ALPHA MACH
 .264
 .405
 .546
 .689
 .829

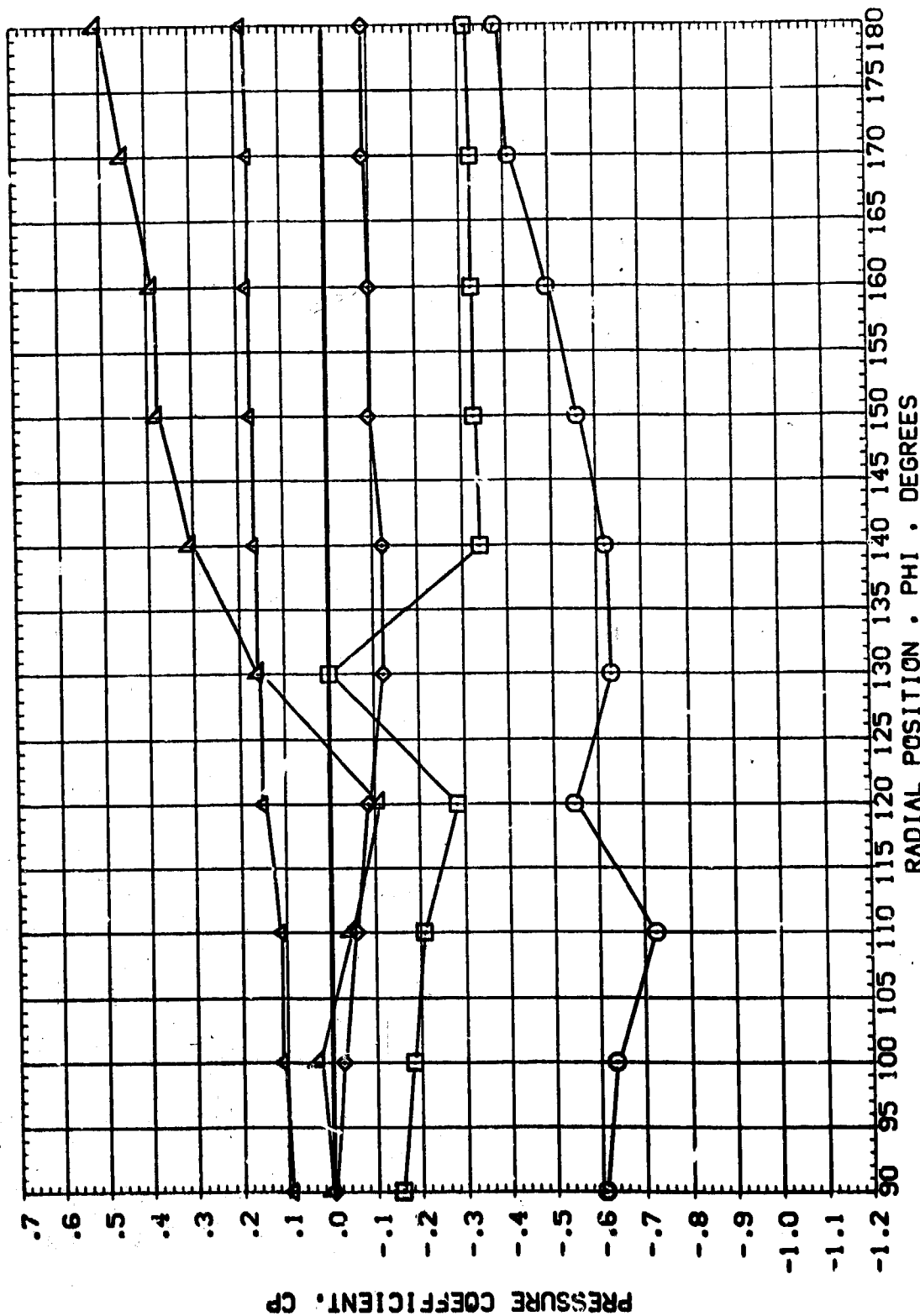
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

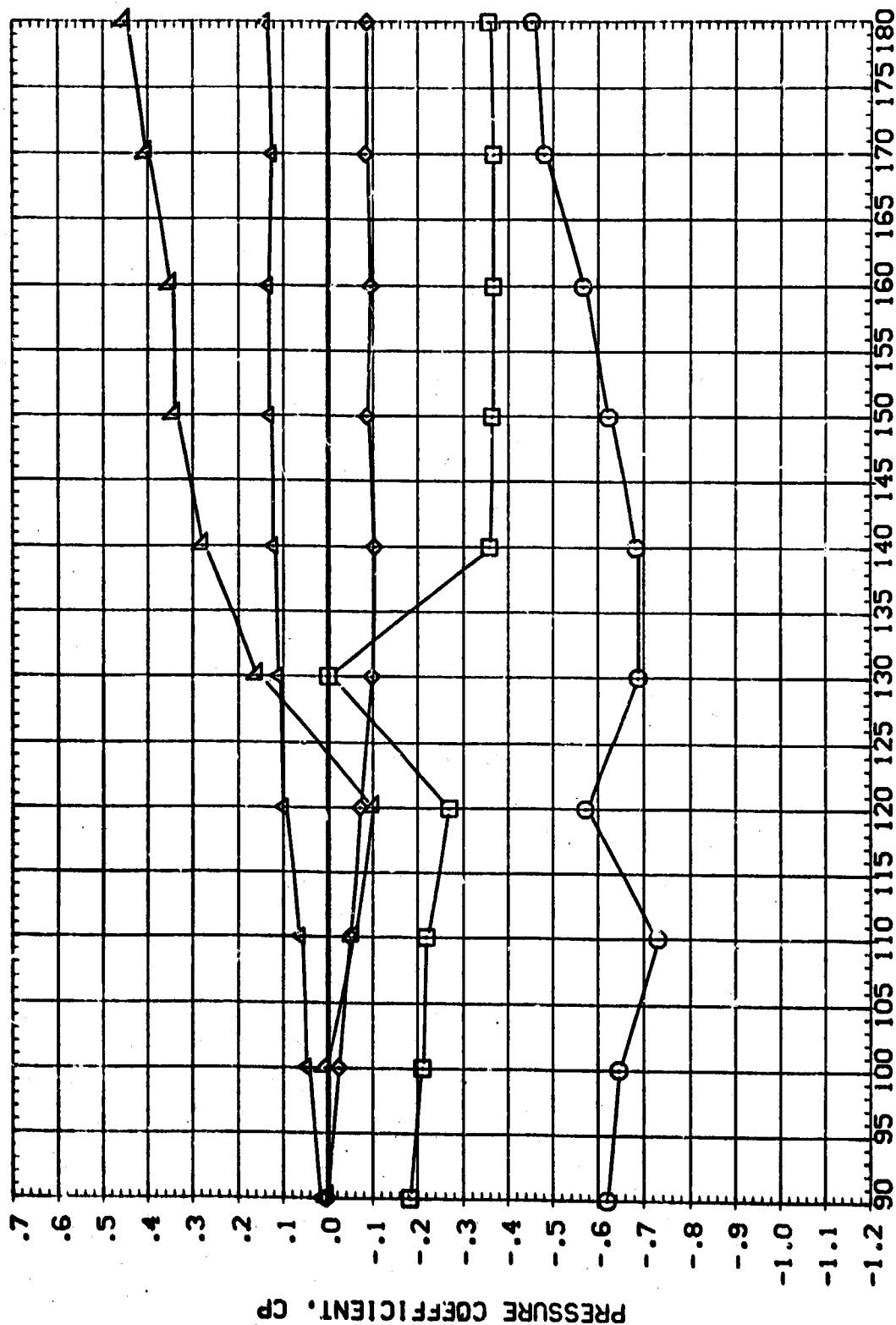
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES		
	.264	-6.228	1.052	AILRON	.000	ELEVTR	.000
	.405			RVL	.000	RUDDER	.000
	.546				4.000		
	.688						
	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

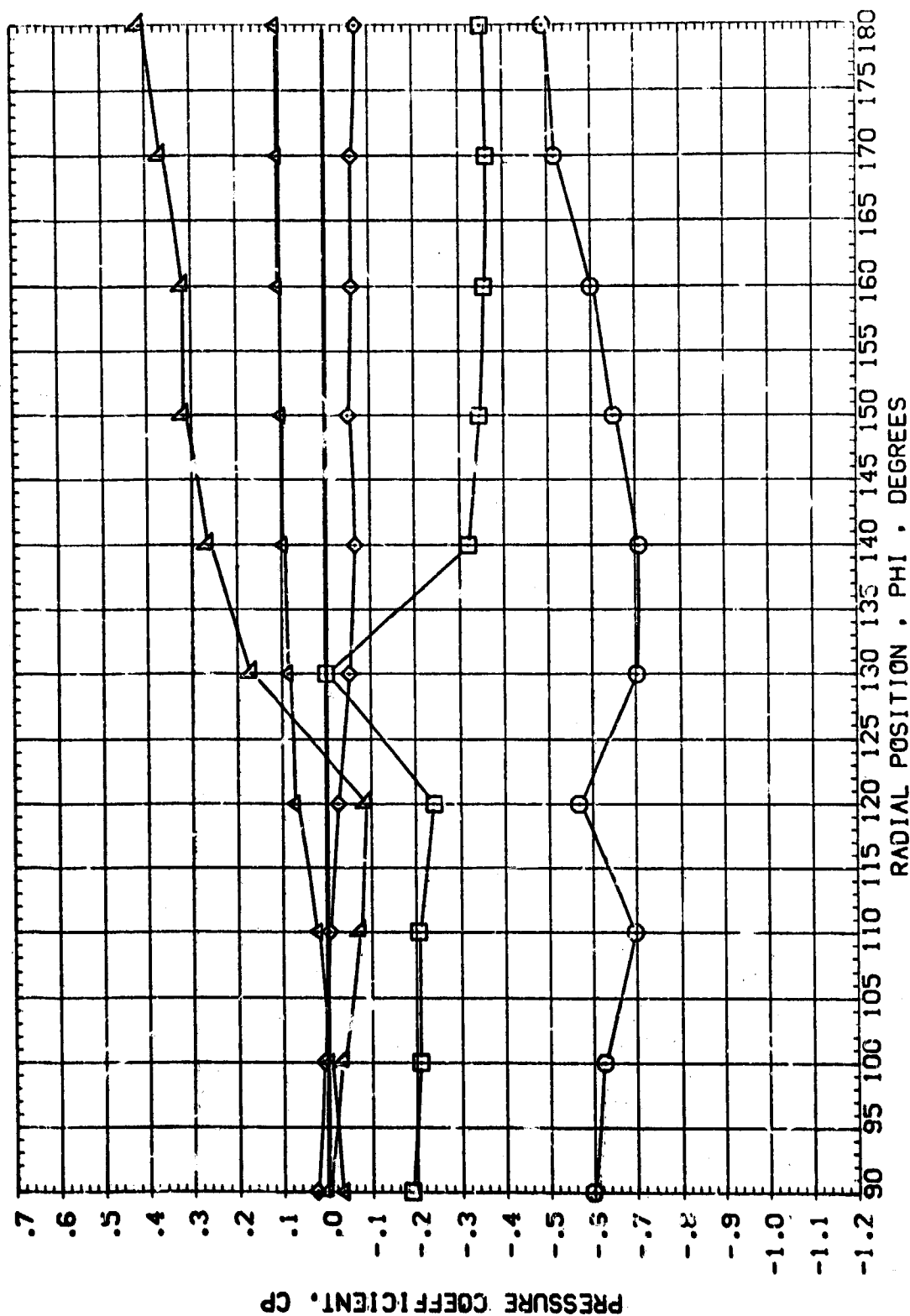
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILTRON	.000	RUDER	.000
				RVL	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-1.967	1.052	AILRON	.000
□	.405			RN/L	.000
◇	.546				ELEVTR
△	.688				RUDDER
▽	.829				

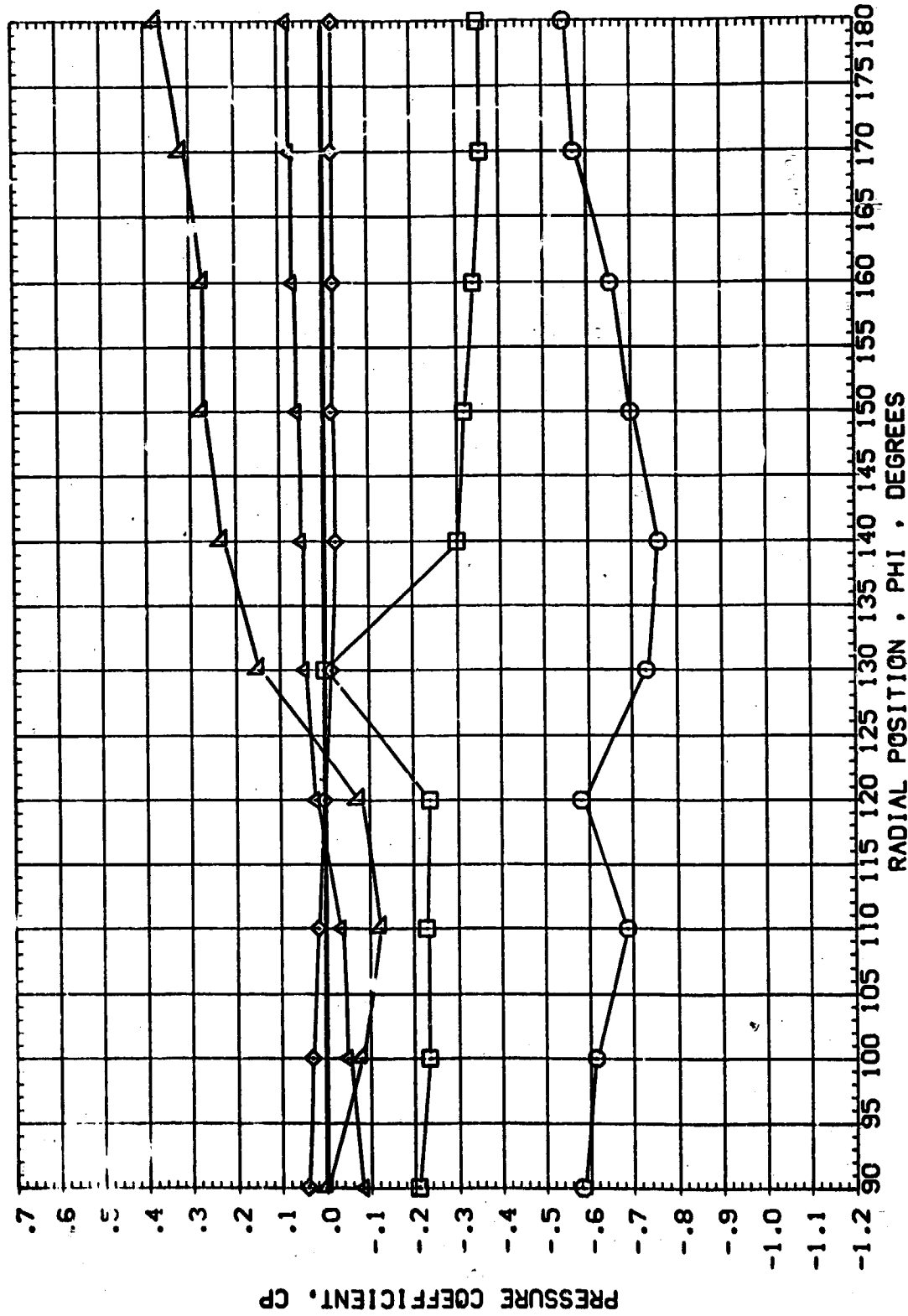


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE80004)

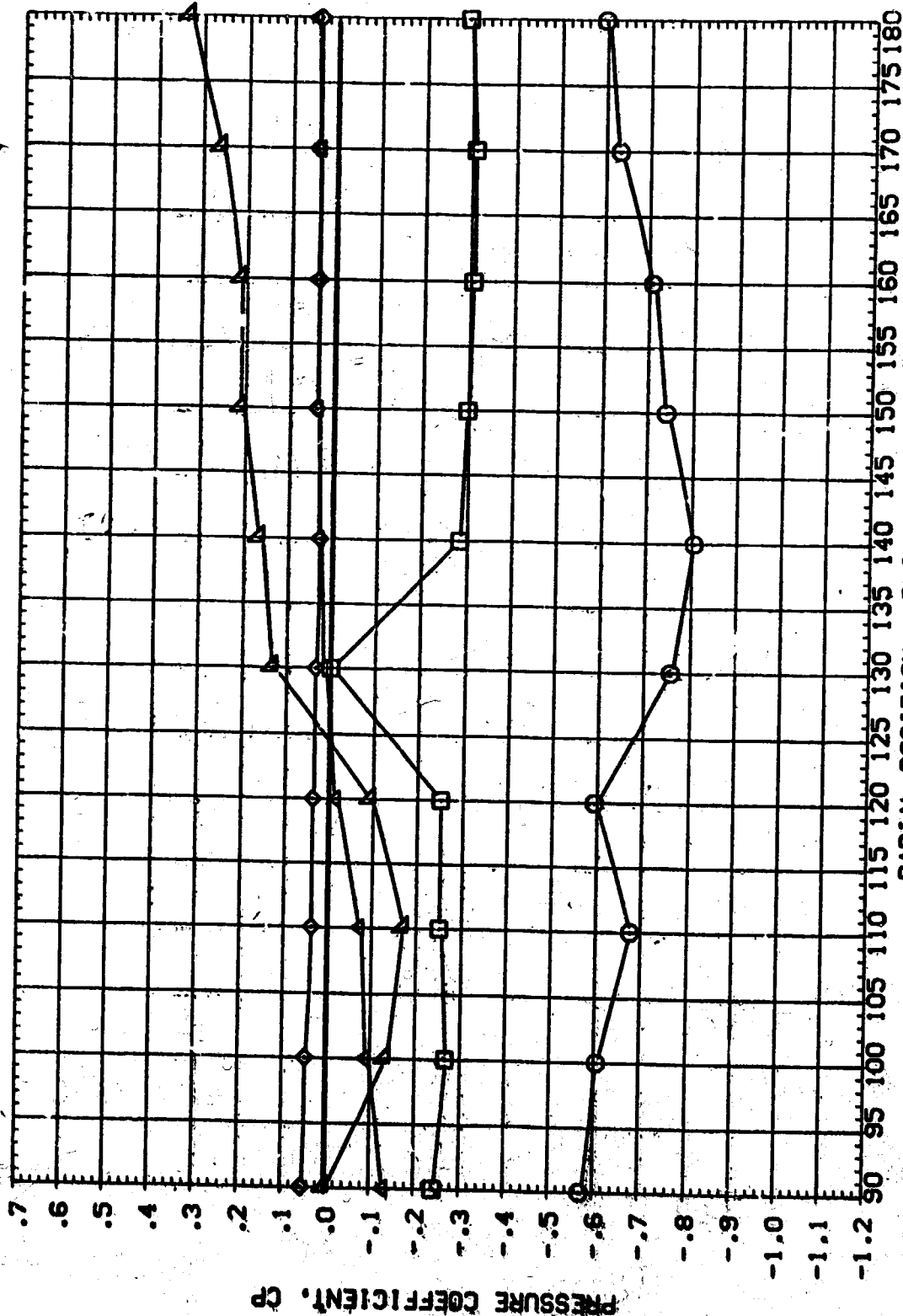
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
◇	.254	.150	1.049	.000	.000	.000	
△	.405			.000			
□	.546						
○	.688						
◇	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

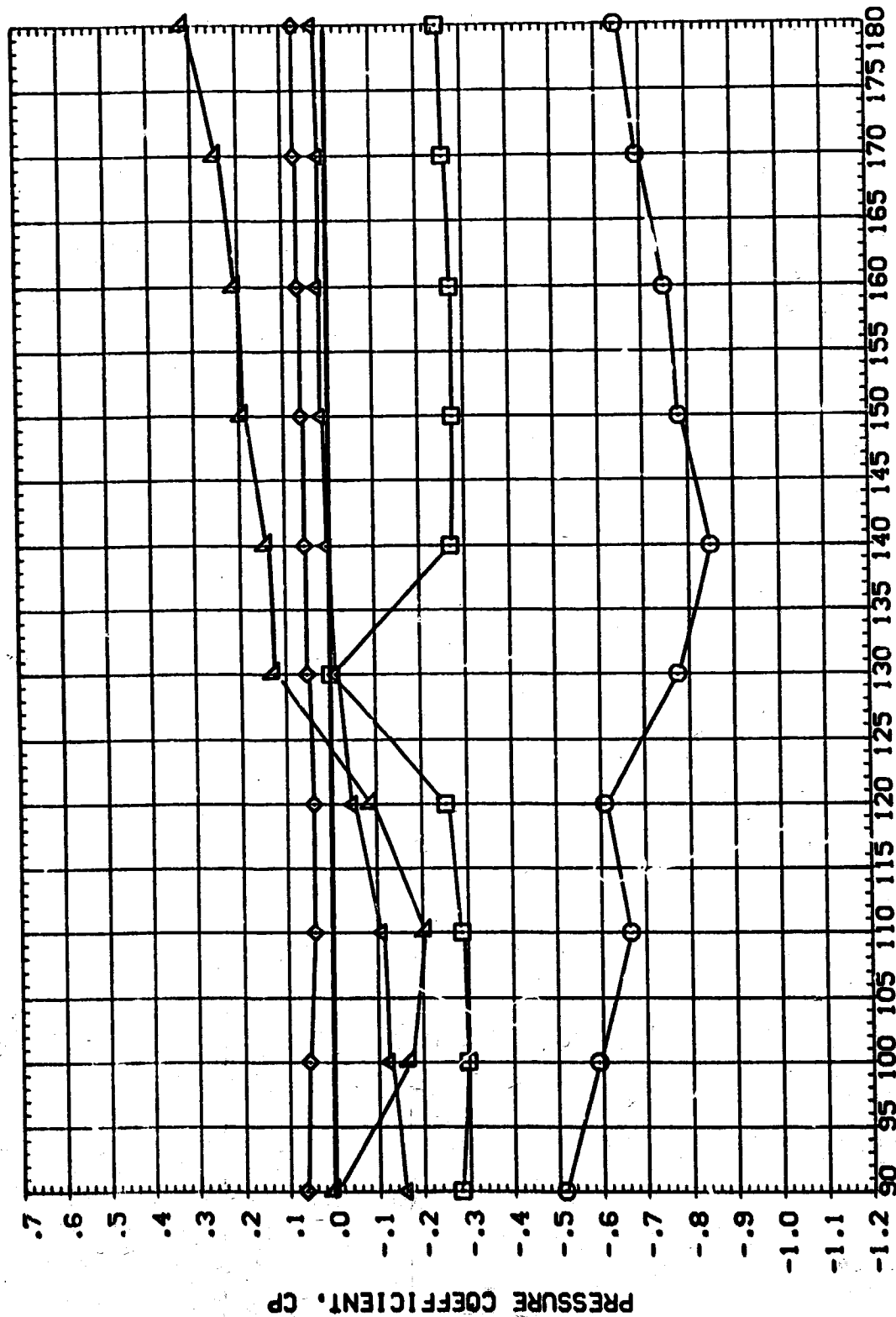
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDGR	.000
				RN/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
□	.264	4.478	1.048	.000	.000	.000	
◇	.405			.000			
△	.546			4.000			
▽	.688						
▽	.829						

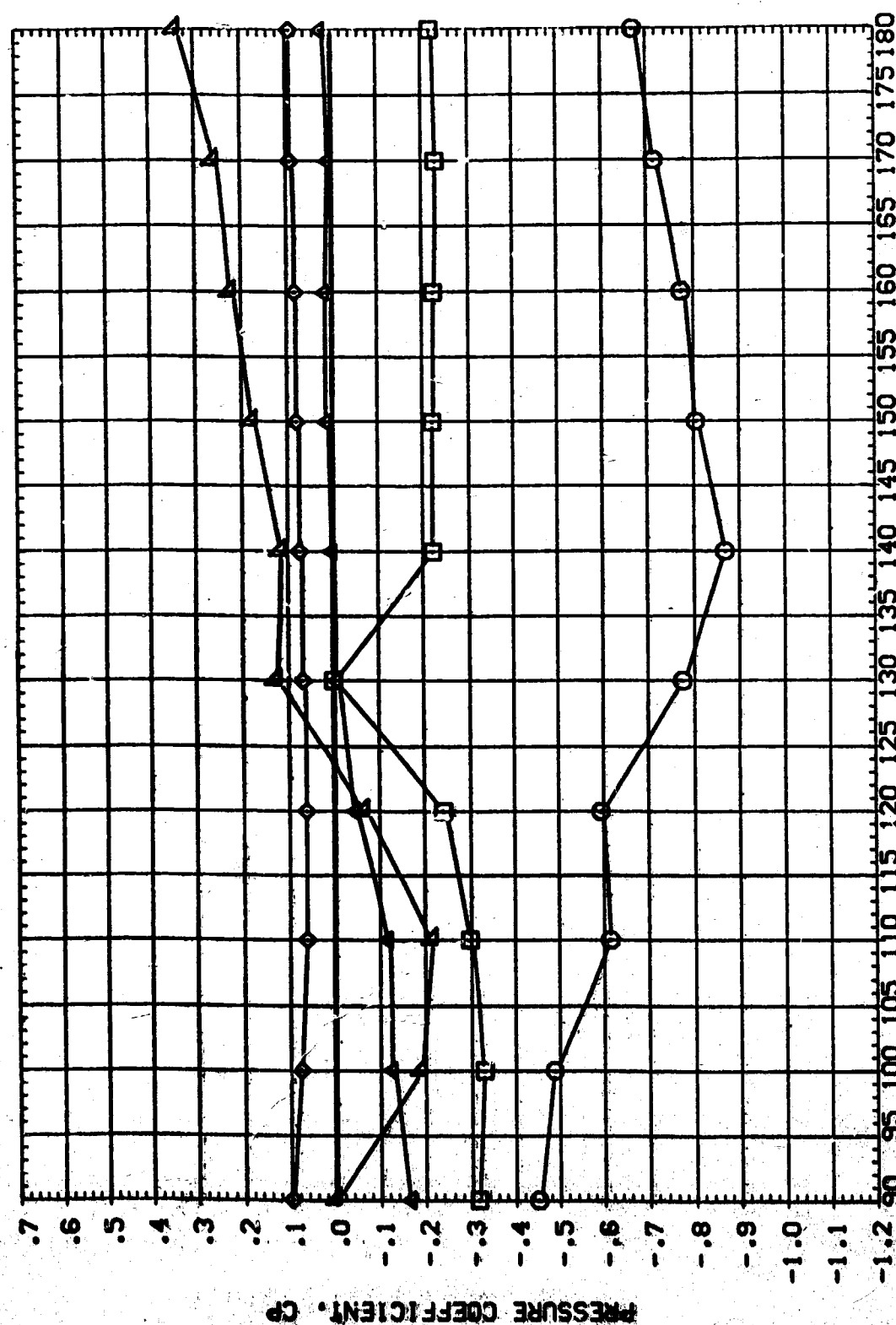


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RVL 4.000
 ELEVTR .000
 RUDDER .000

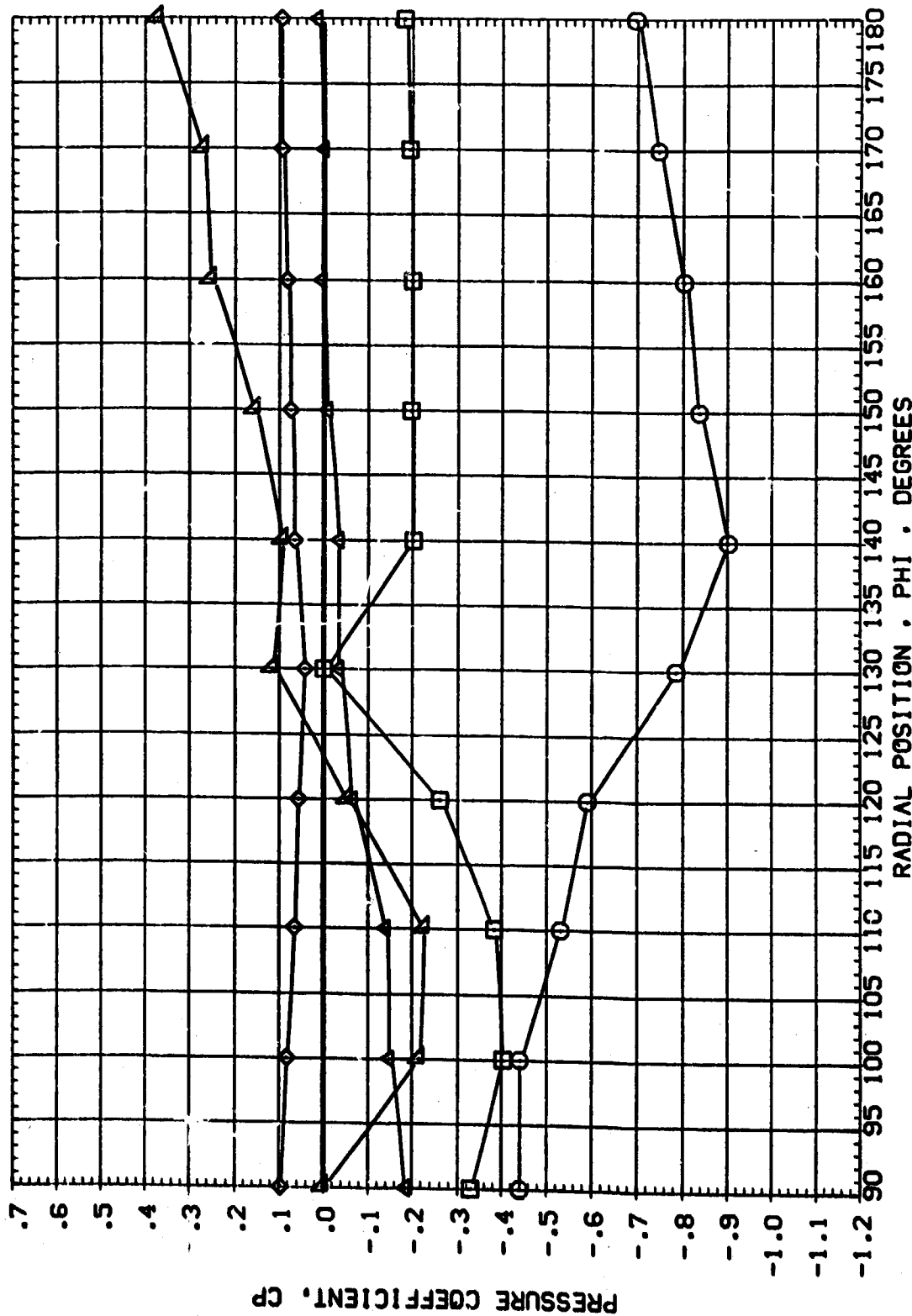
ALPHA 6.494
 MACH 1.052
 X/L .264
 .405
 .546
 .688
 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION, PHI, DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
△	.264	8.613	1.052	ALL/ON	.000
◇	.405			RV/L	.000
□	.546				4.000
▽	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

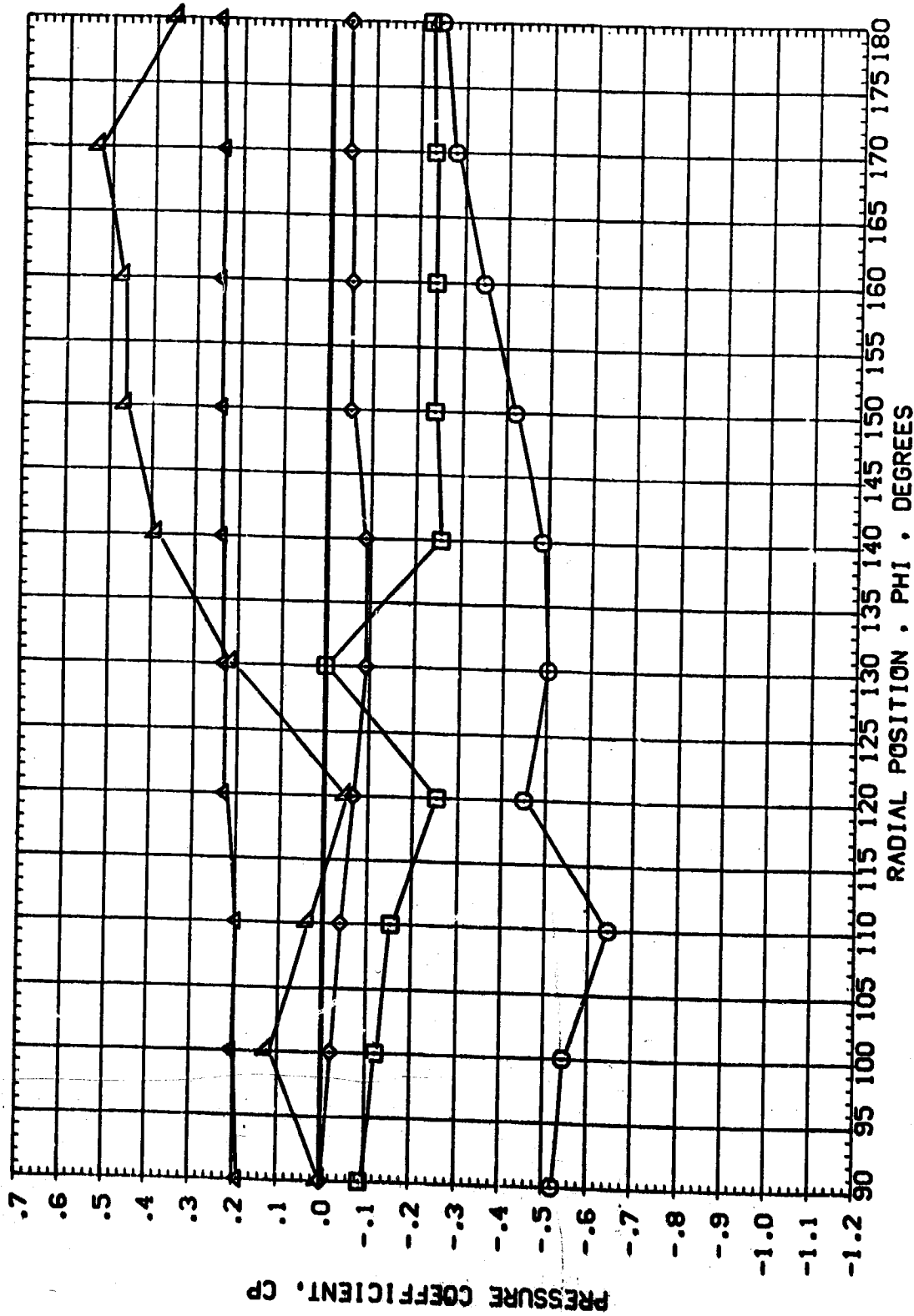
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (PEB004)

SYMBOL X/L ALPHA MACH

.264 -8.181 1.100

PARAMETRIC VALUES

BETA .000 ELEVTR .000
AILRON .000 RUDDER .000
RNVL 4.000

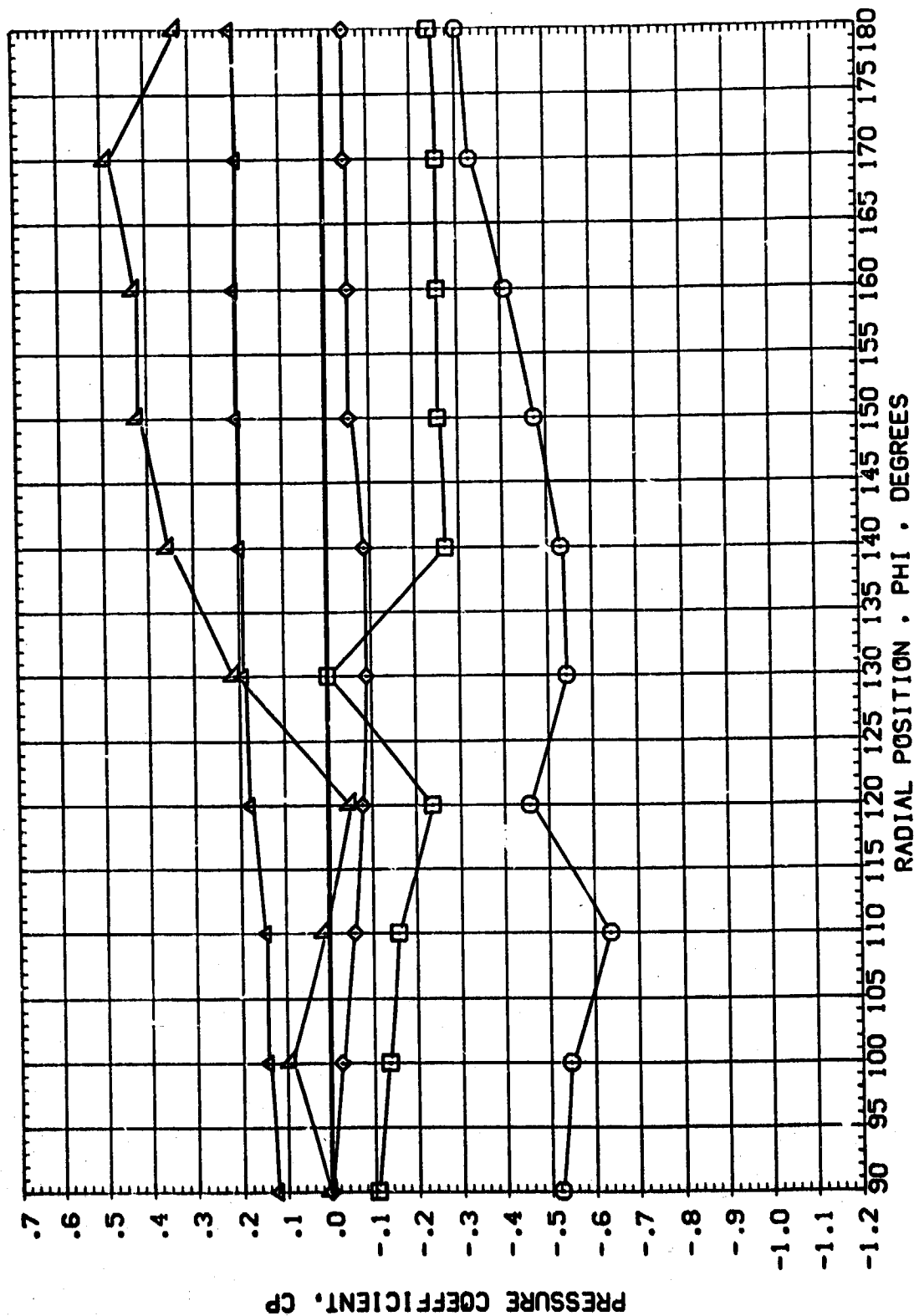


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

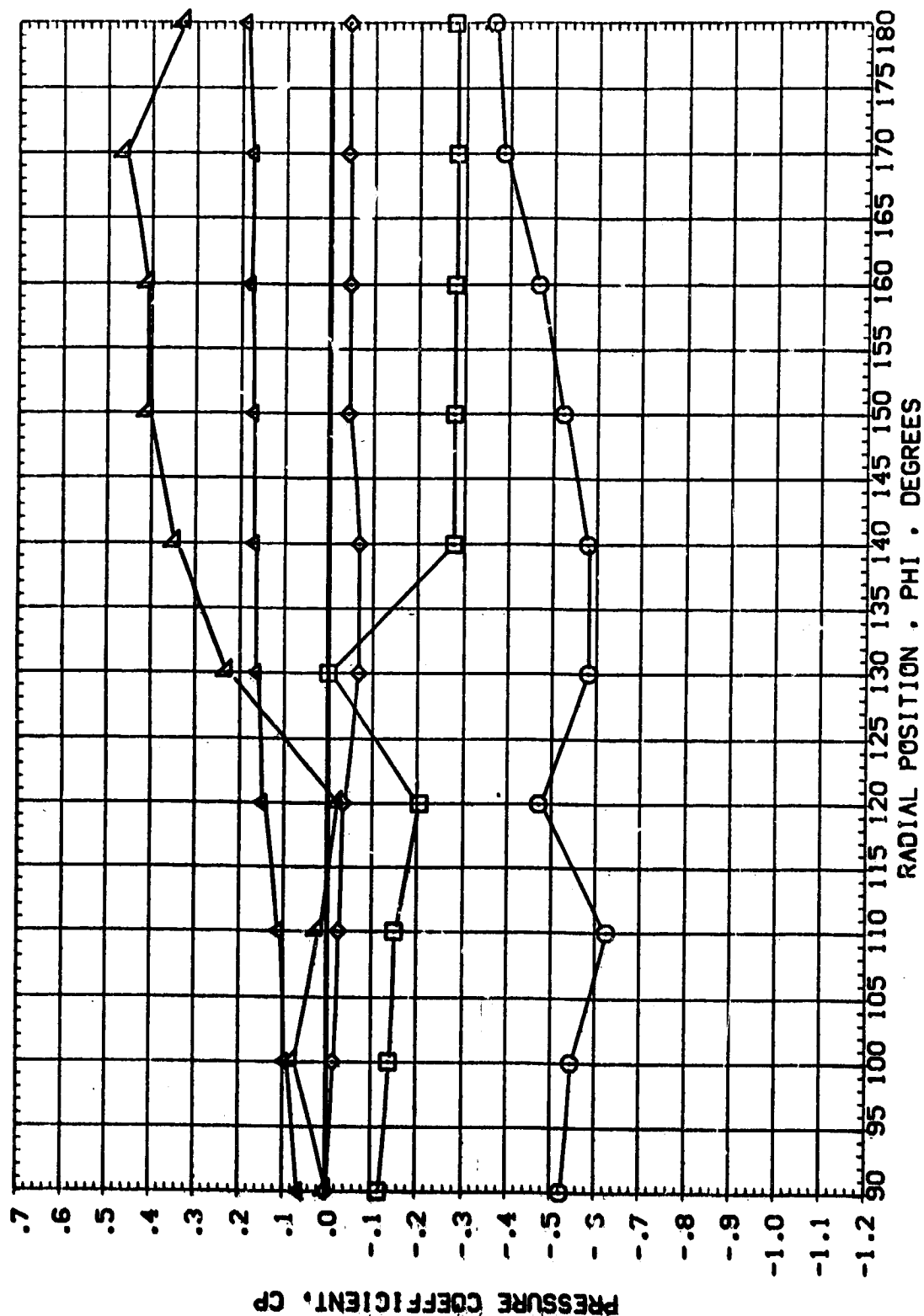
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
□	.264	-6.221	1.100	AILRON	.000	RUDDER	.000
◇	.405			RN/L	4.000		
△	.546						
▽	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	-4.014	1.100	.000	ELEVTR
◇	.405			.000	RUDDER
△	.546			4.000	
▽	.588				
▽	.829				

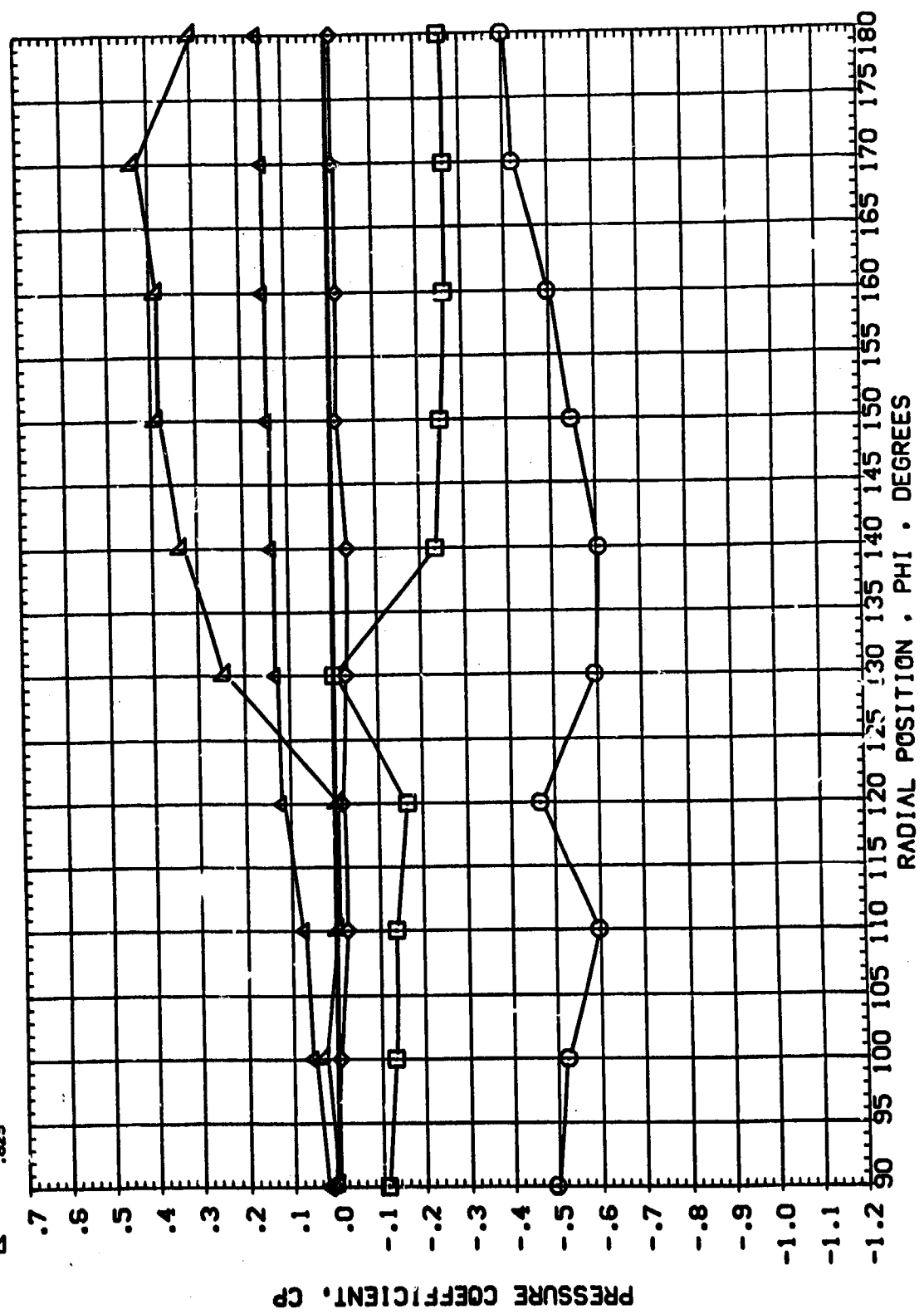


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

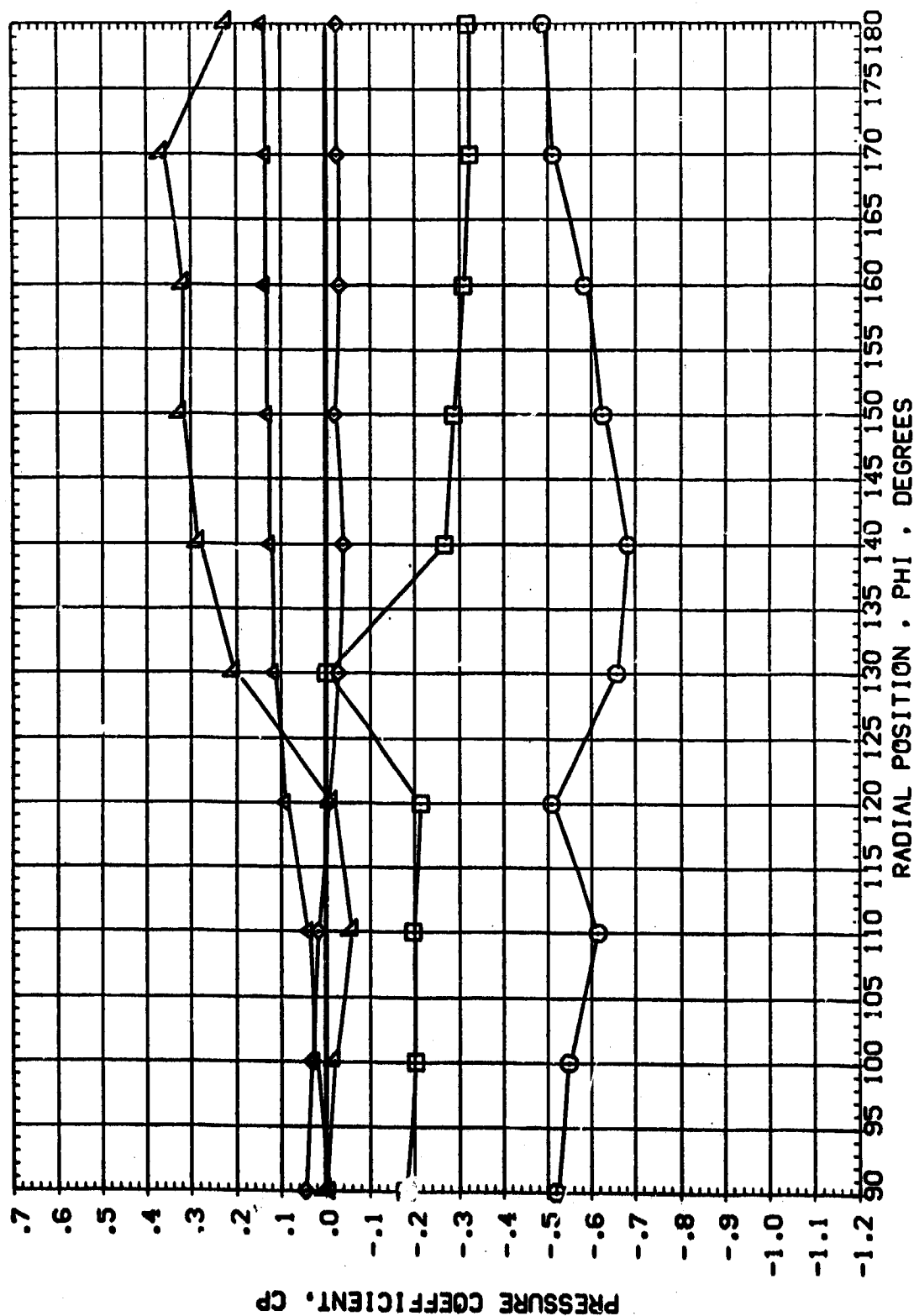
SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES
○	.264	-1.957	1.108	.000	.000	.000	ELEVTR
□	.405			.000	.000	4.000	RUDDER
◇	.546						
△	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

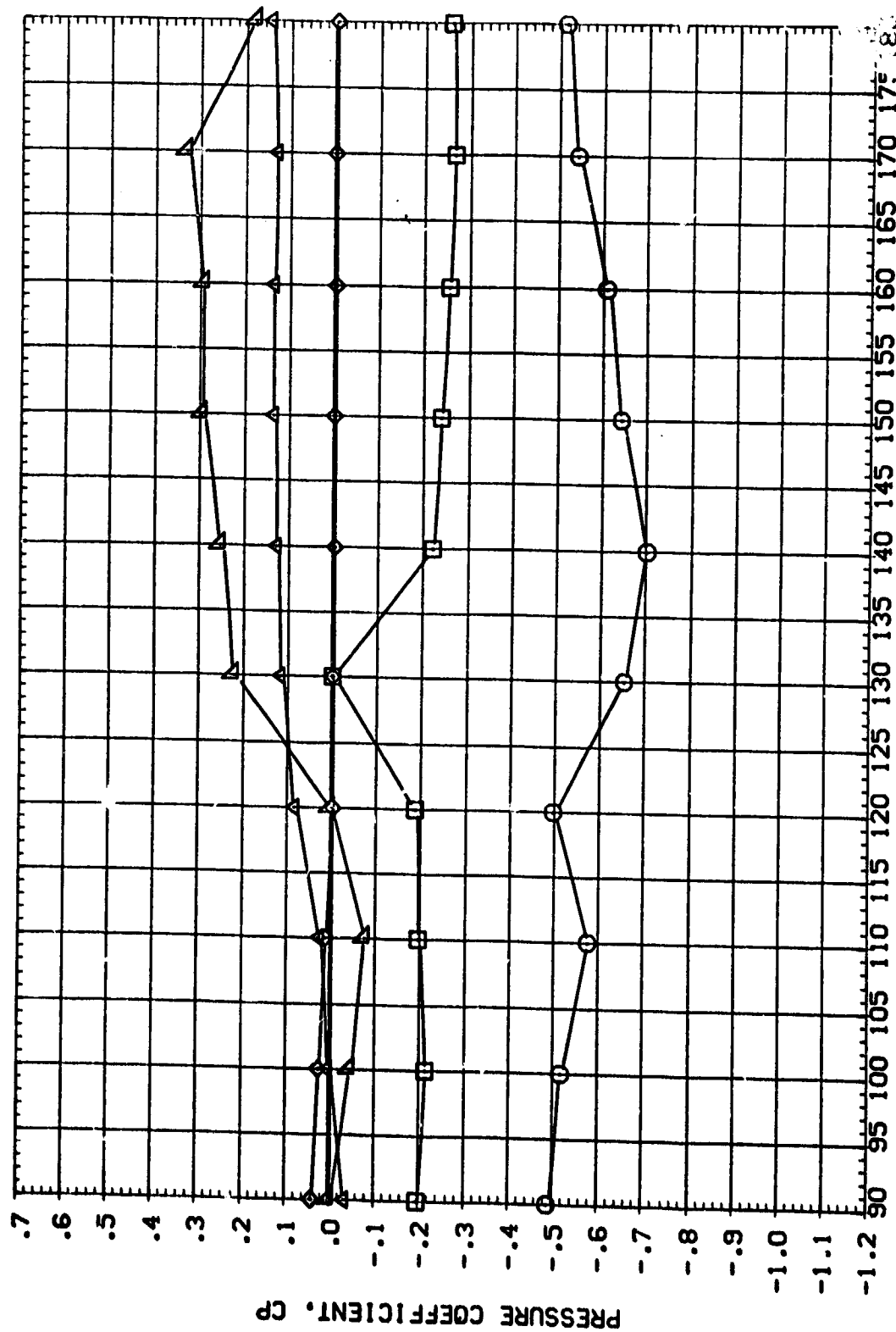
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	.169	1.095	AIRLON	.000 ELEVTR .000
□	.405			RVL	.000 RUDDER .000
◇	.546				
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 56-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

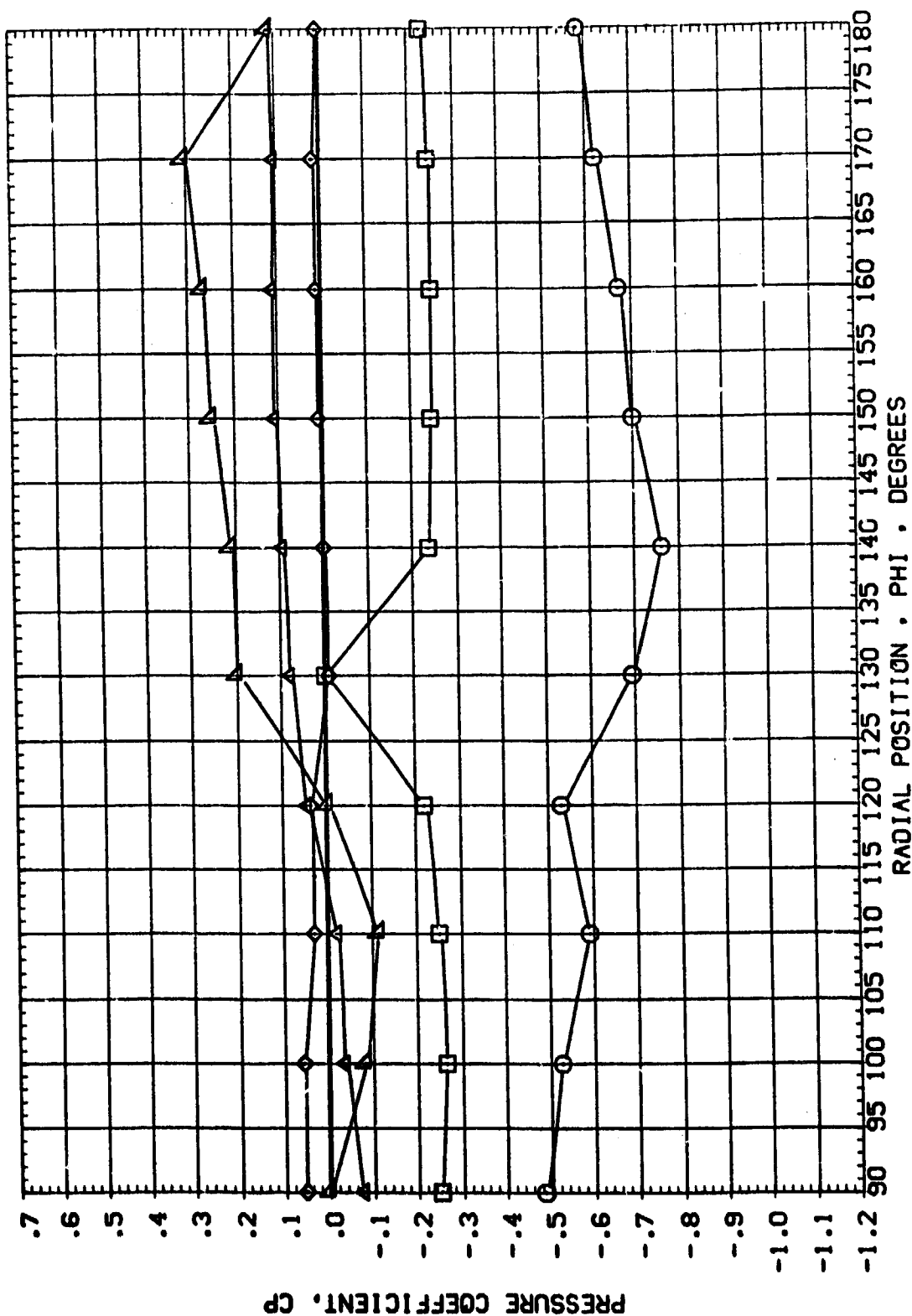
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RN/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	4.411	1.087	BETA	.000	ELEVTR
	.405			AILRON	.000	RUDDER
	.546			RV/L	4.000	
	.698					
.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

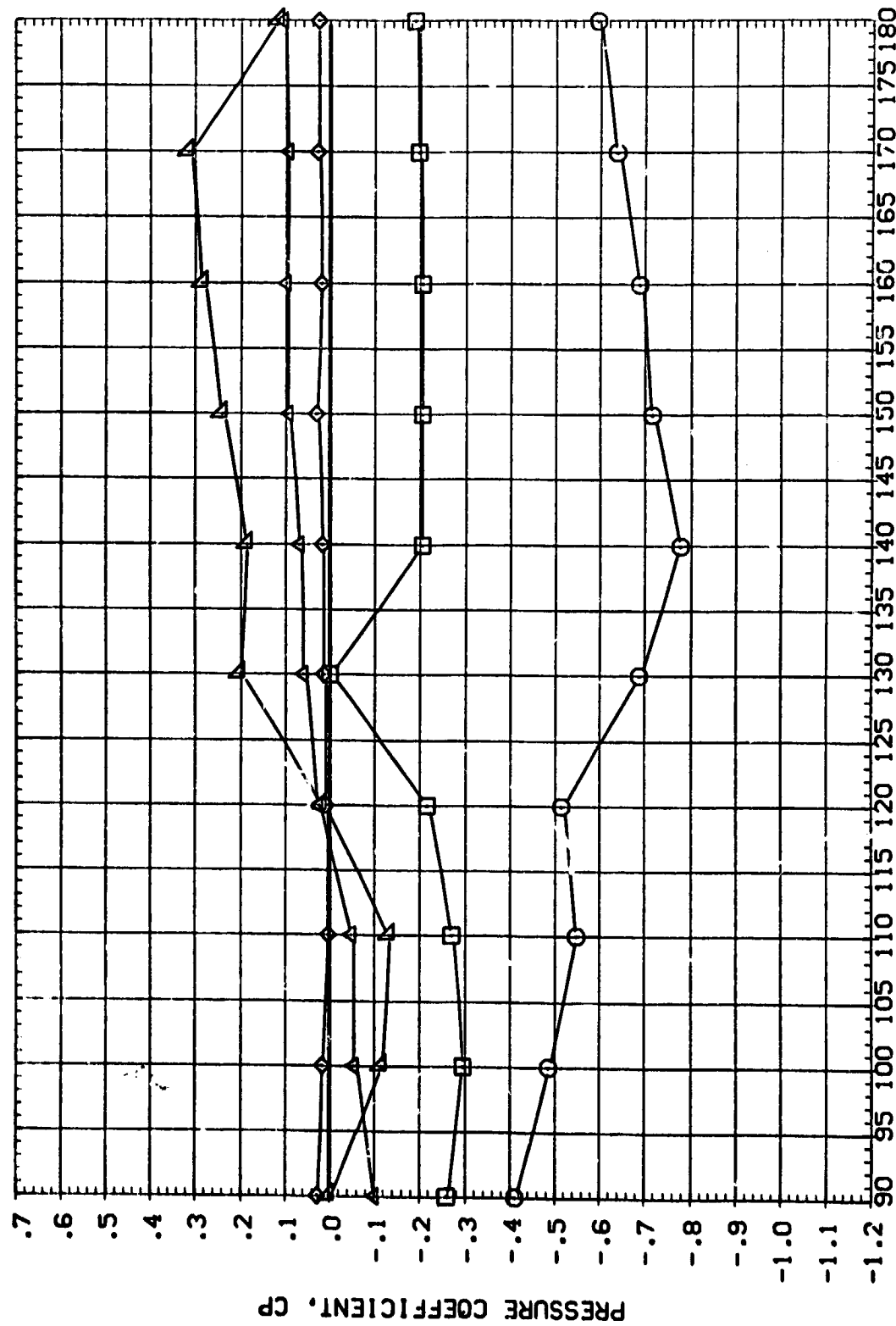
SYMBOL
□
◇
△
▽

X/L
.264
.405
.546
.688
.829

ALPHA
6.5°
3

MACH
1.103

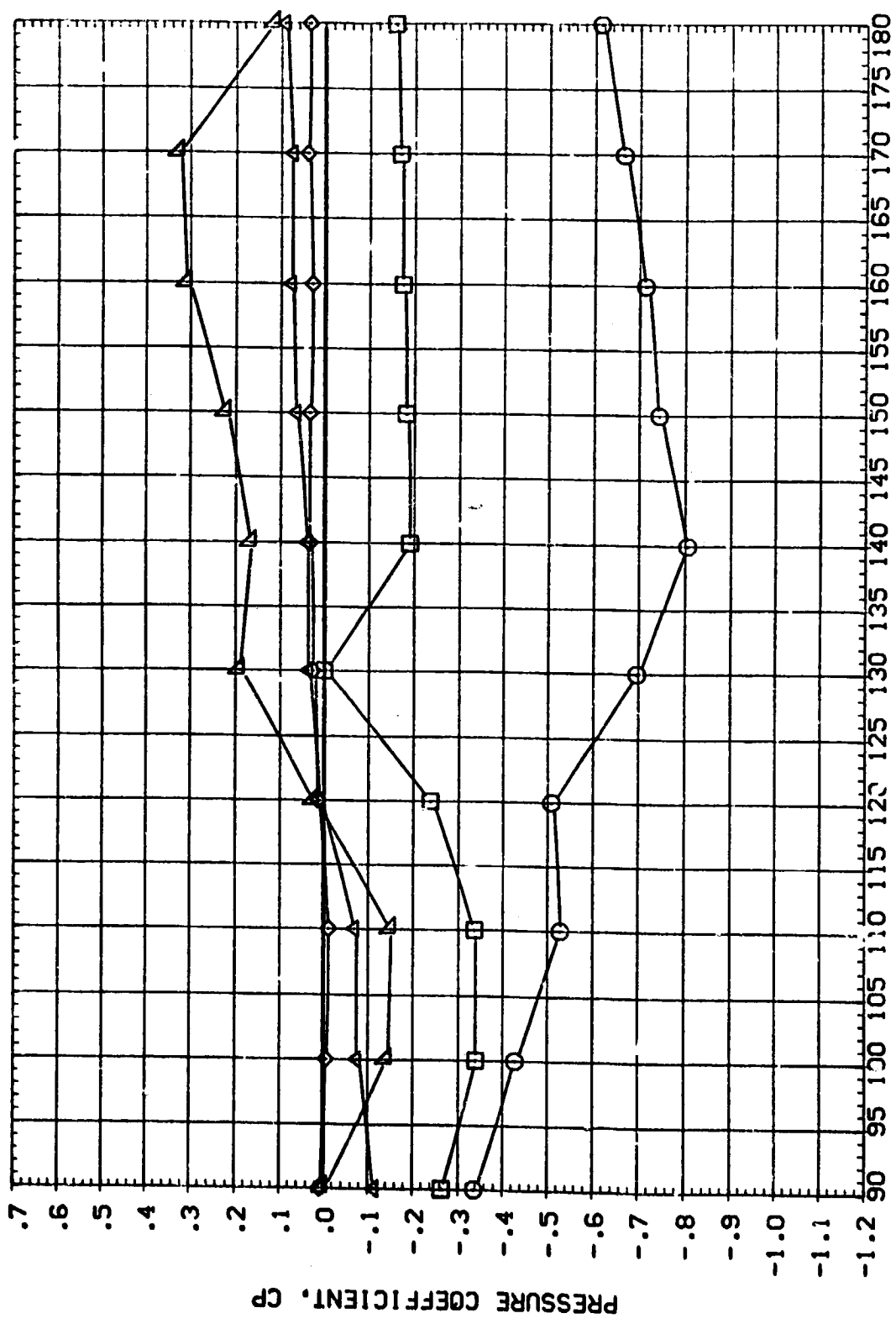
PARAMETRIC VALUES
BETA
AILLON
RV/L
.000
.000
4.000
.000
.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REBOJ4)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RN/L	4.000		

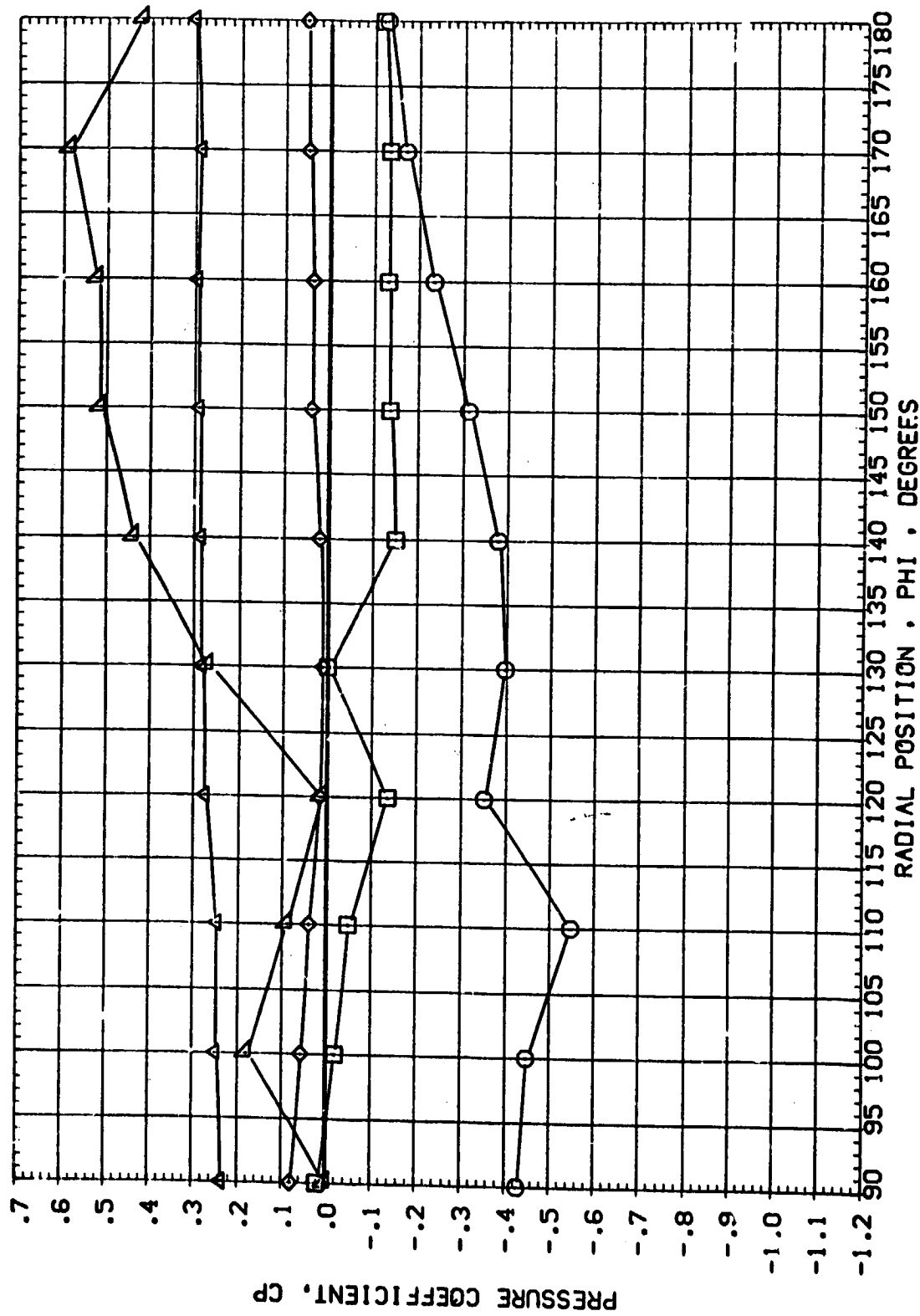


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

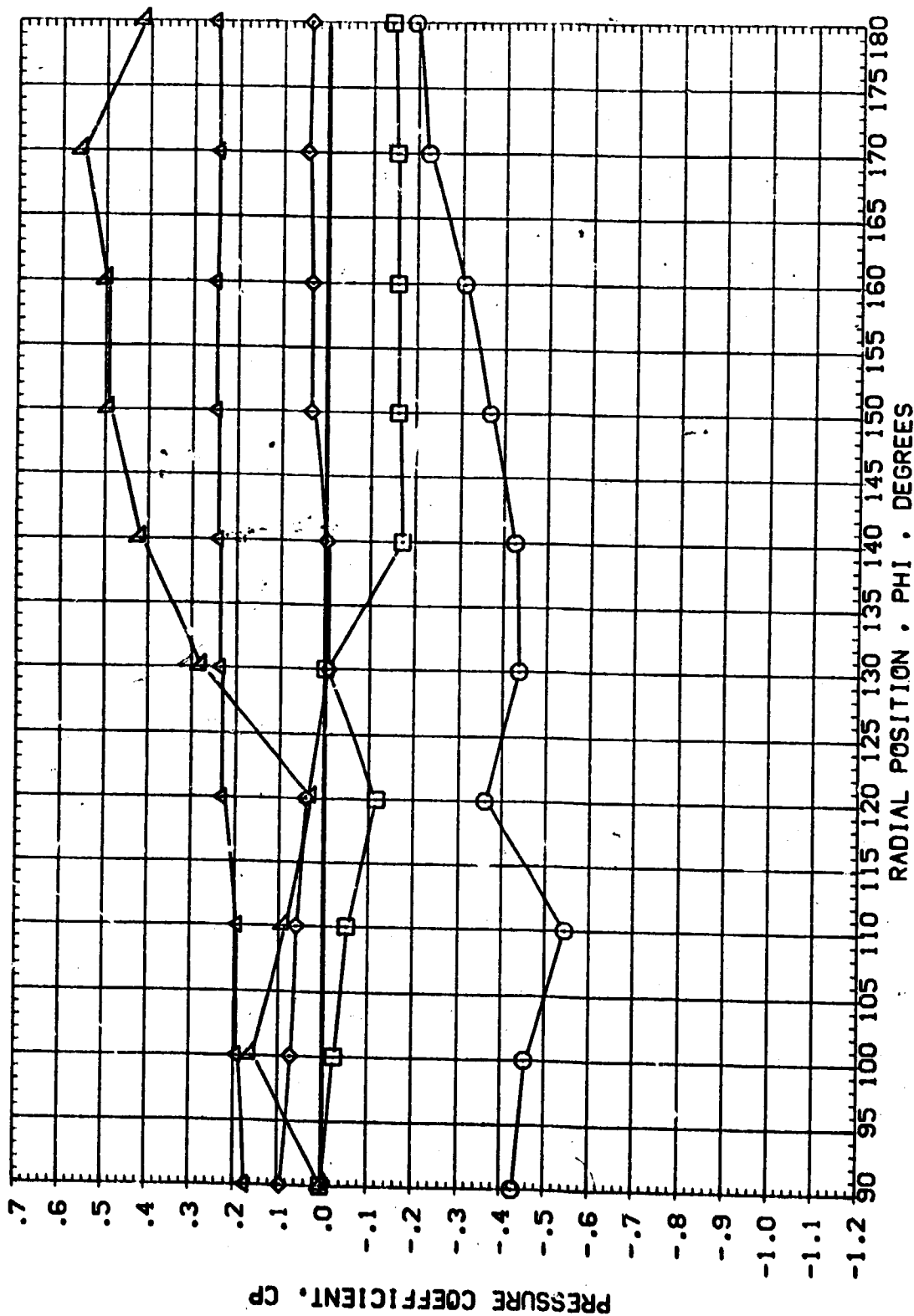
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-8.342	1.149	AILRON	.000
□	.405			RN/L	.000
◇	.546				RUDDER
△	.688				4.000
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

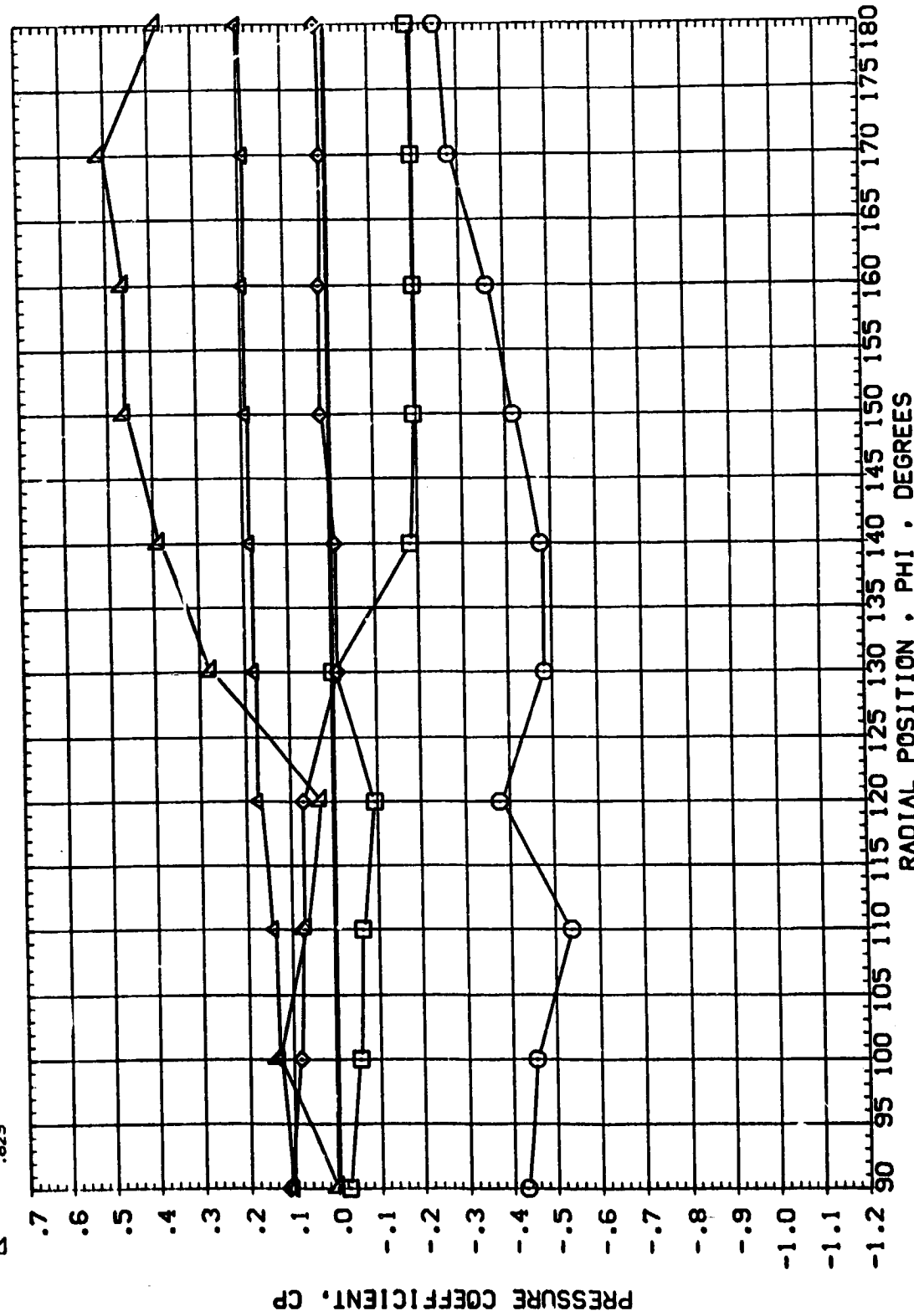
SYMBOL	XL	ALPHA	MACH	BETA	AILRON	RNVL	PARAMETRIC VALUES
□	.264	-6.220	1.153	.000	.000	.000	ELEVTR
◇	.405			.000	.000	.000	RUDDER
△	.546			4.000			
▽	.688						
▲	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL: X/L ALPHA MACH BETA AILRON RN/L PARAMETRIC VALUES .000 ELEVTR .000
 .264 .405 .546 .688 .829 .000 RUOER .000

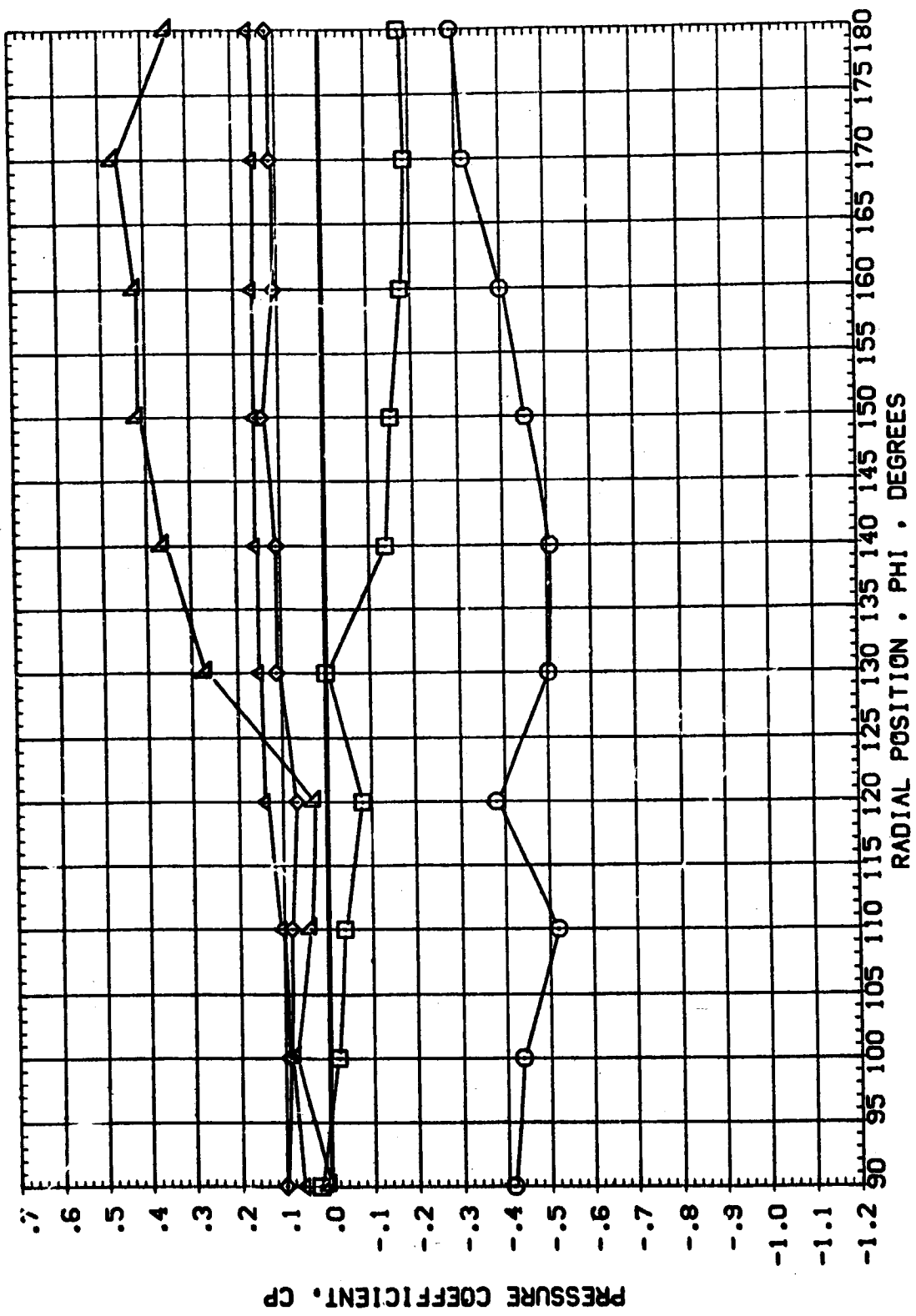


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL X/L ALPHA MACH
 .264
 .405
 .546
 .688
 .829

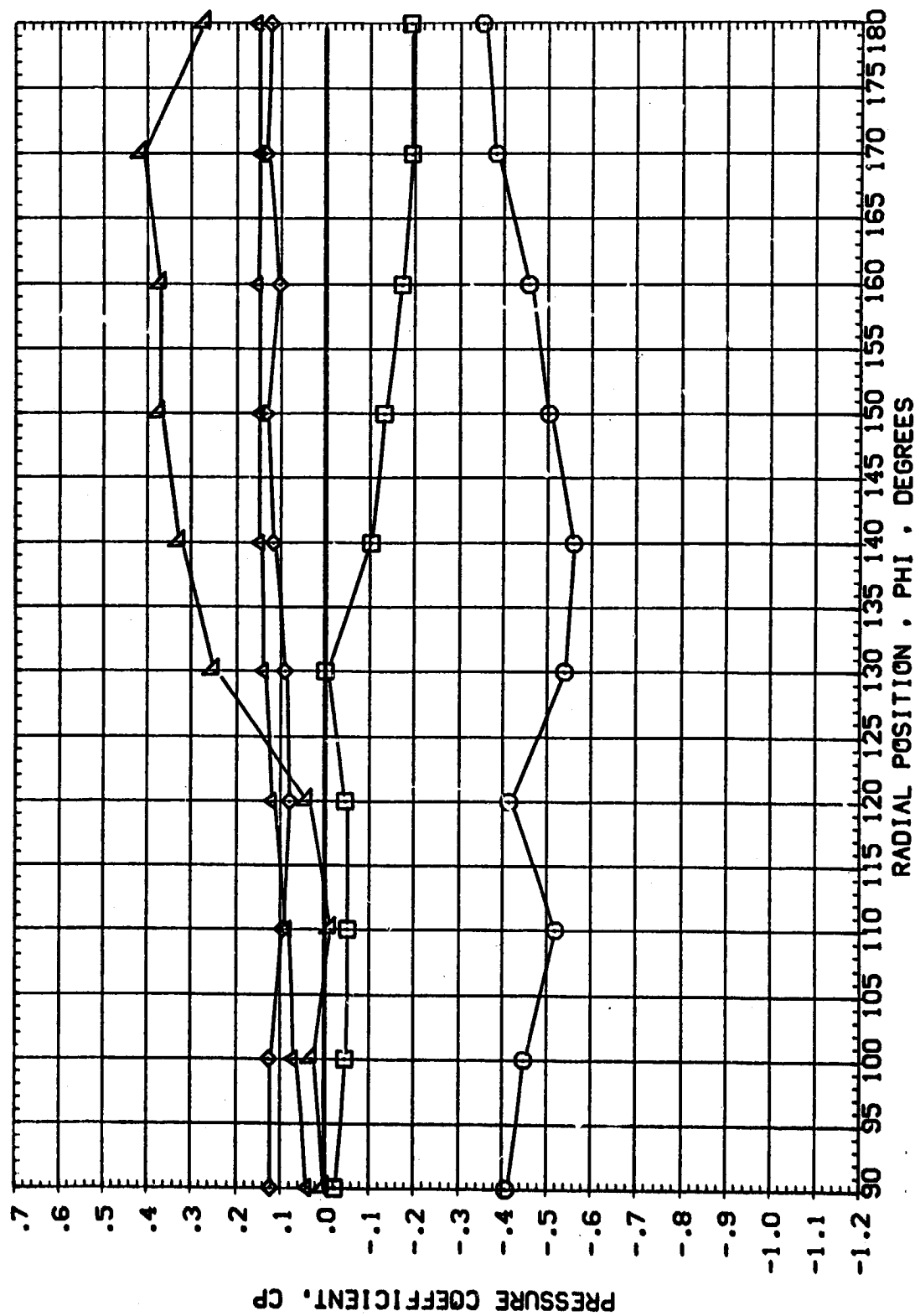
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER 4.000
 .000
 .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 60-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

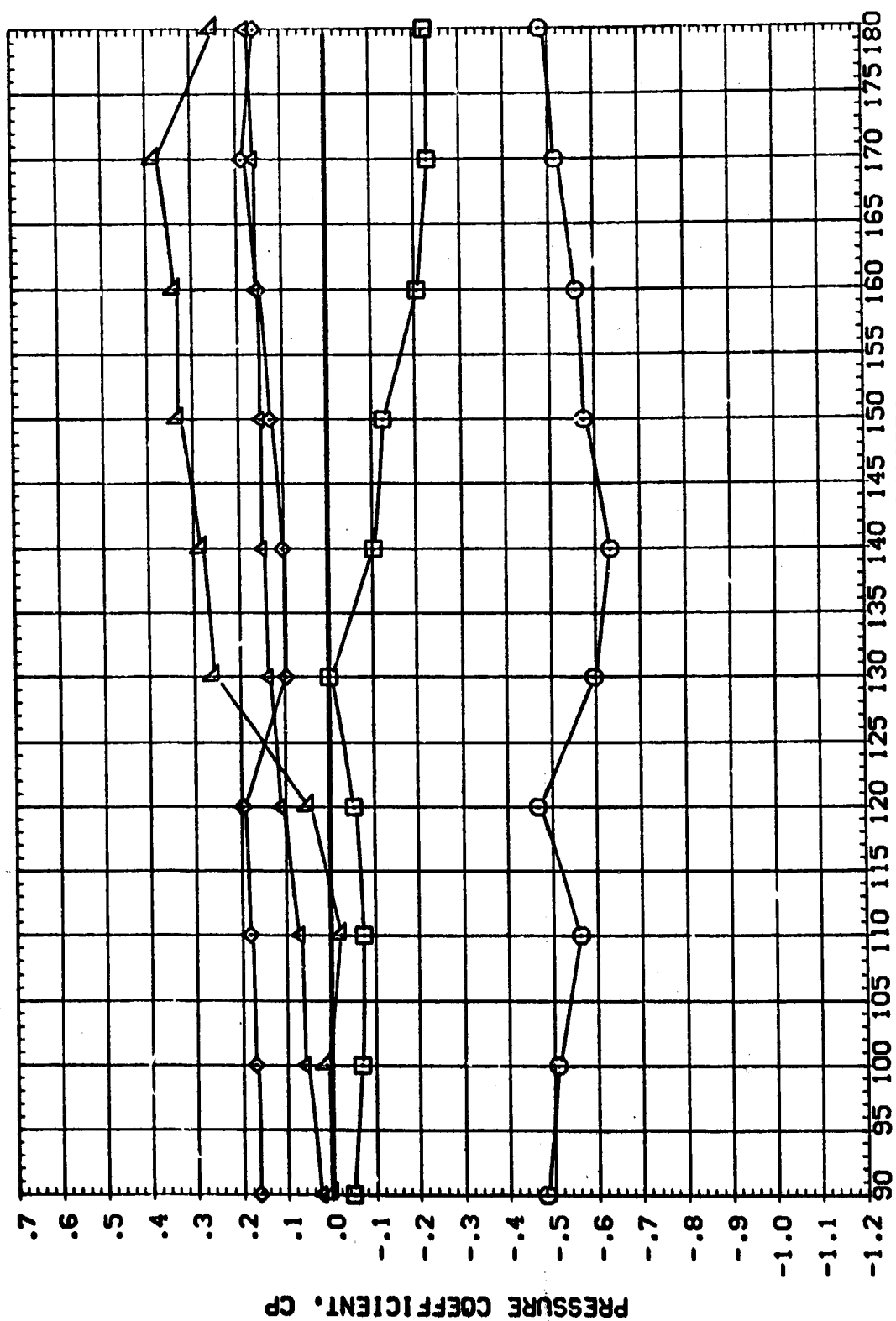
SYMBOL	α/L	ALPHA	MACH	PARAMETRIC VALUES			
□	.264	.158	1.152	BETA	.000	ELEVTR	.000
◇	.405			AIRLON	.000	RUDDER	.000
△	.546			RV/L	4.000		
▽	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

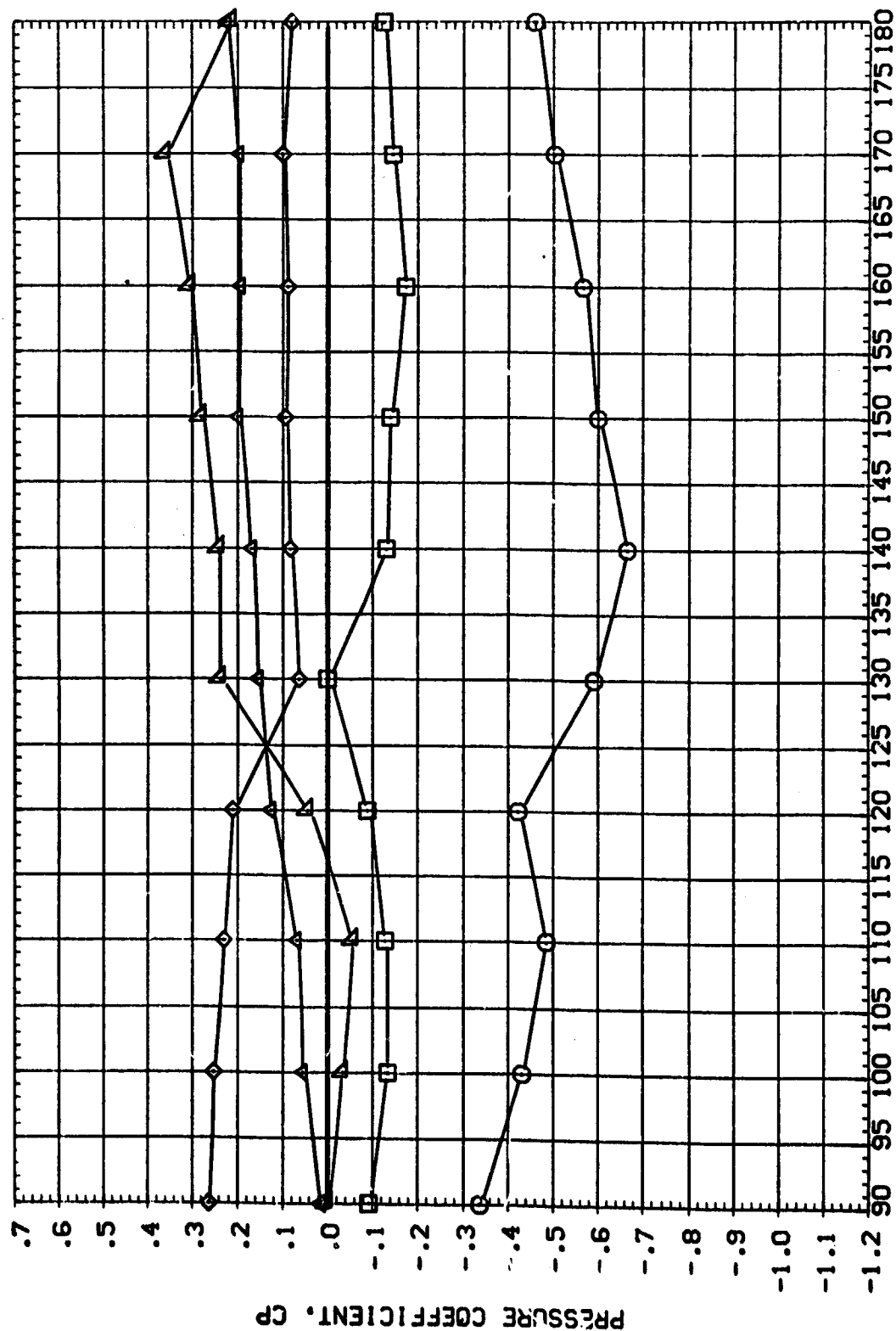
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	2.294	1.158	AILRGN	.000 ELEVTR .000
□	.405			RVL	.000 RUDDER 4.000
◇	.546				
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 6A-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

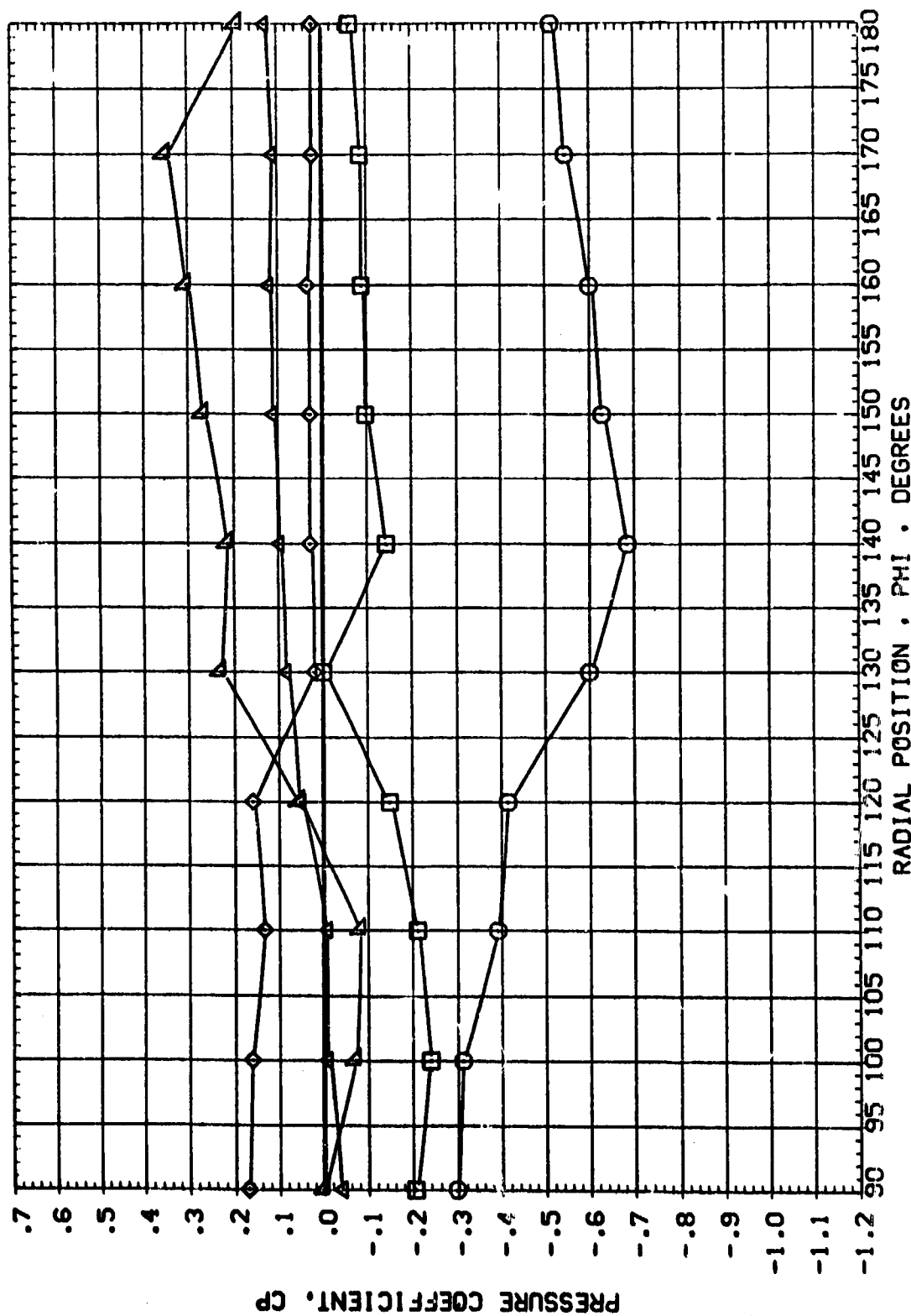
SYMBOL	X/L	ALPHA	WACH	PARAMETRIC VALUES		
				BETA	.000	ELEVTR
◇	.264	4.410	1.146	AILRON	.000	RUDDER
◇	.405			RN/L	4.000	
◇	.546					
◇	.698					
◇	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

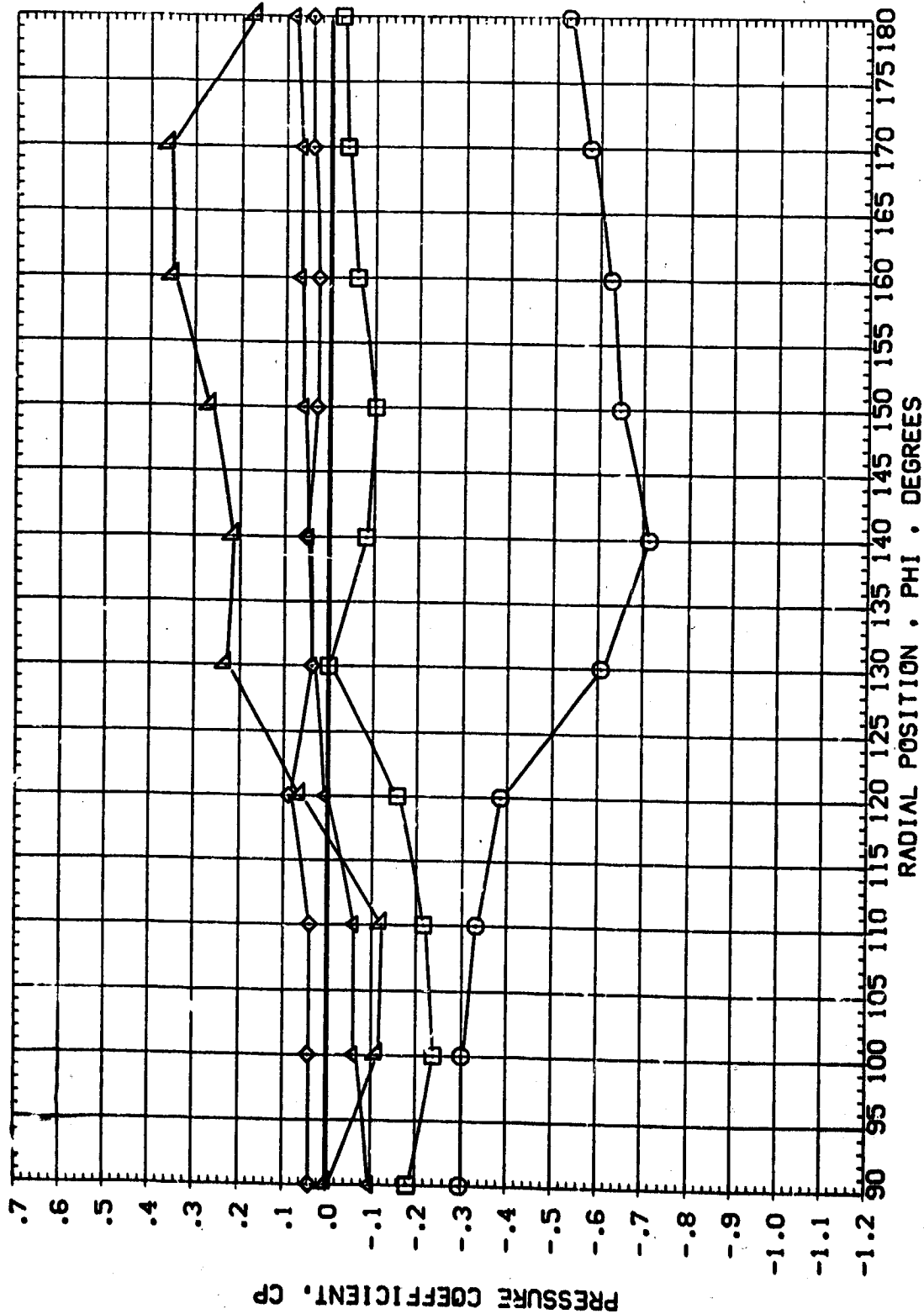
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
◇	.264	6.525	1.147	AILRON	.000
◇	.405			RN/L	.000
◇	.546				4.000
◇	.688				
◇	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-63U PRESSURE VENTING - INTEG. VEHICLE (REB004)

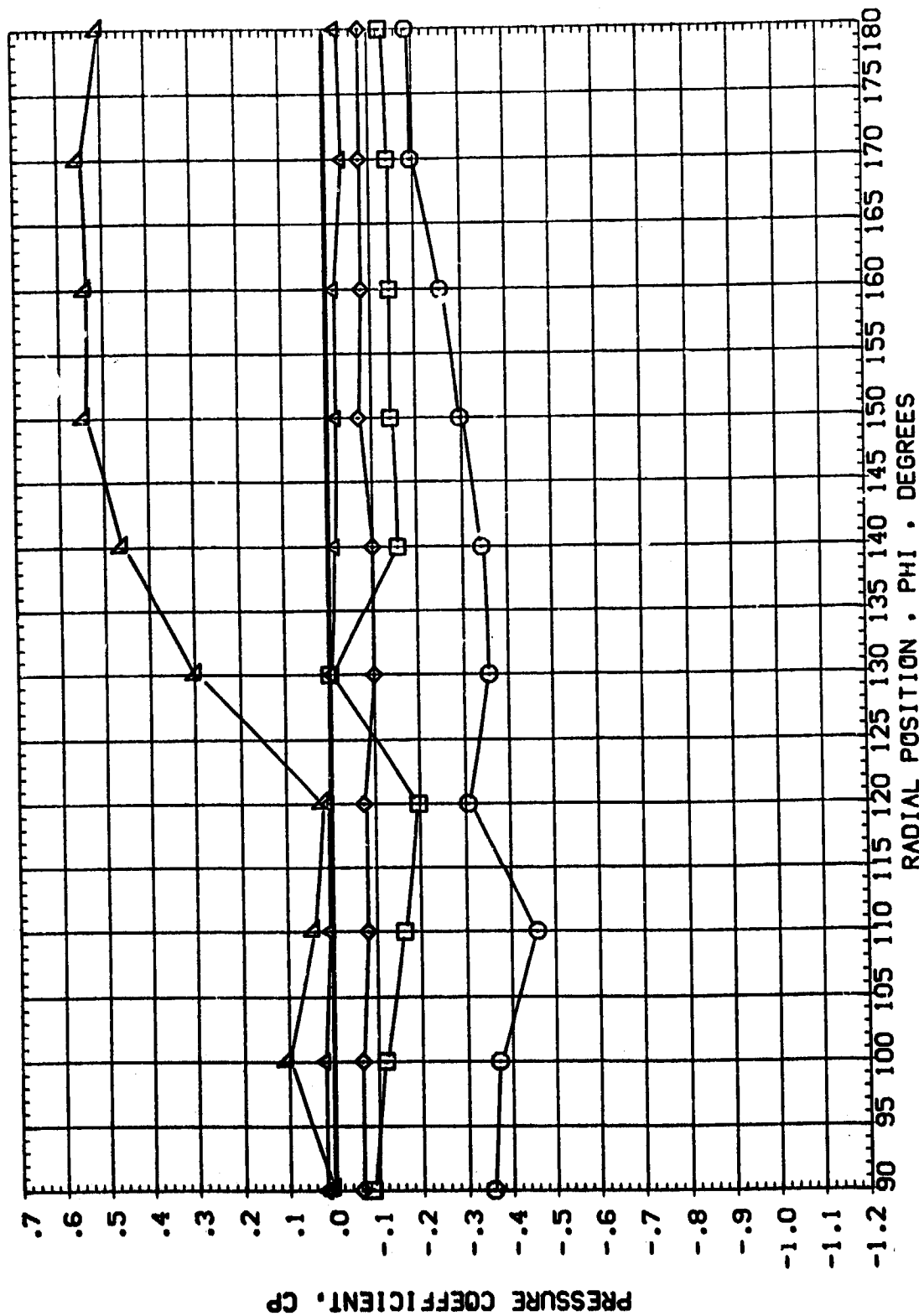
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RN/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

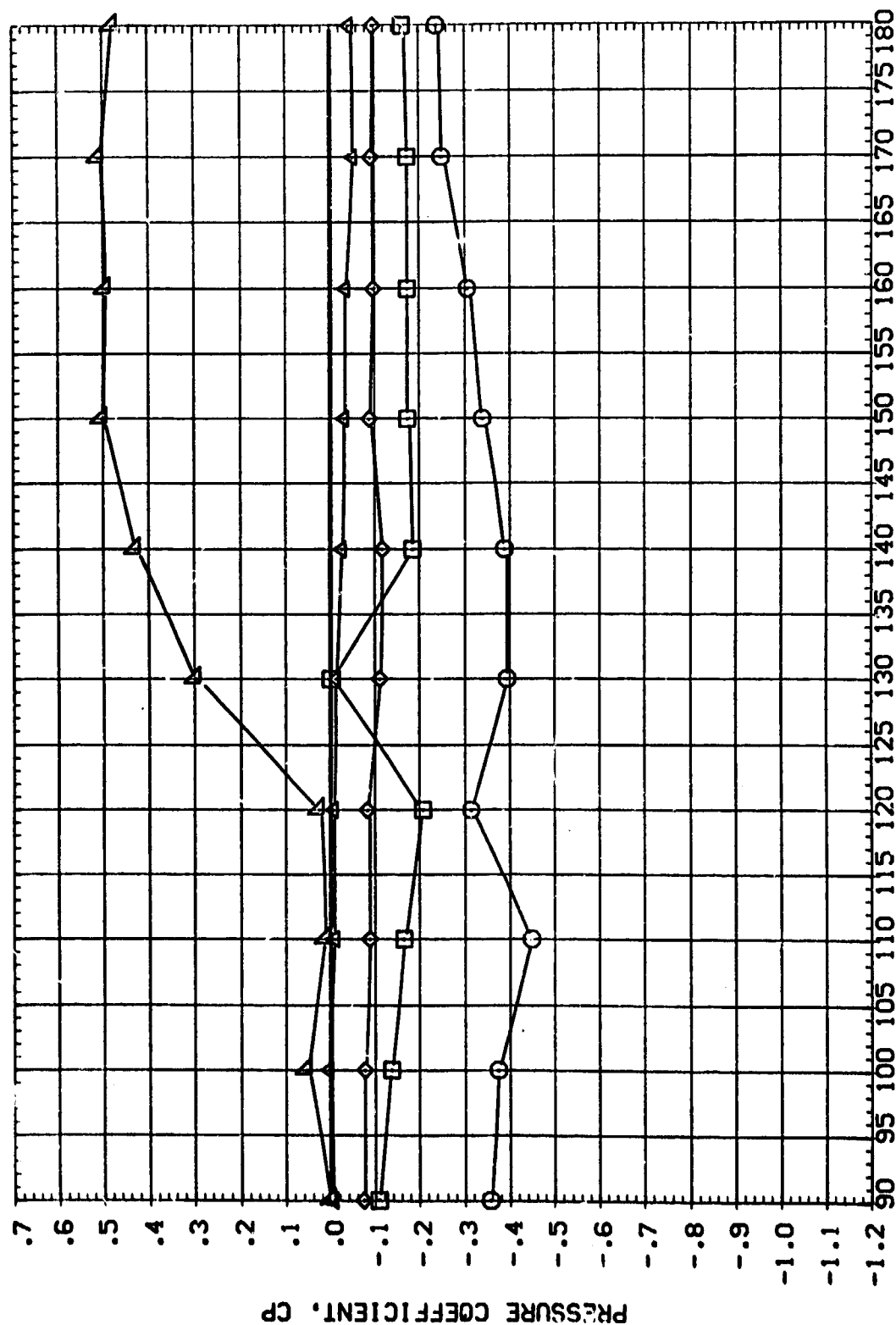
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDER	.000
				RV/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 20-530 PRESSURE VENTING - INTEG. VEHICLE (REB004)

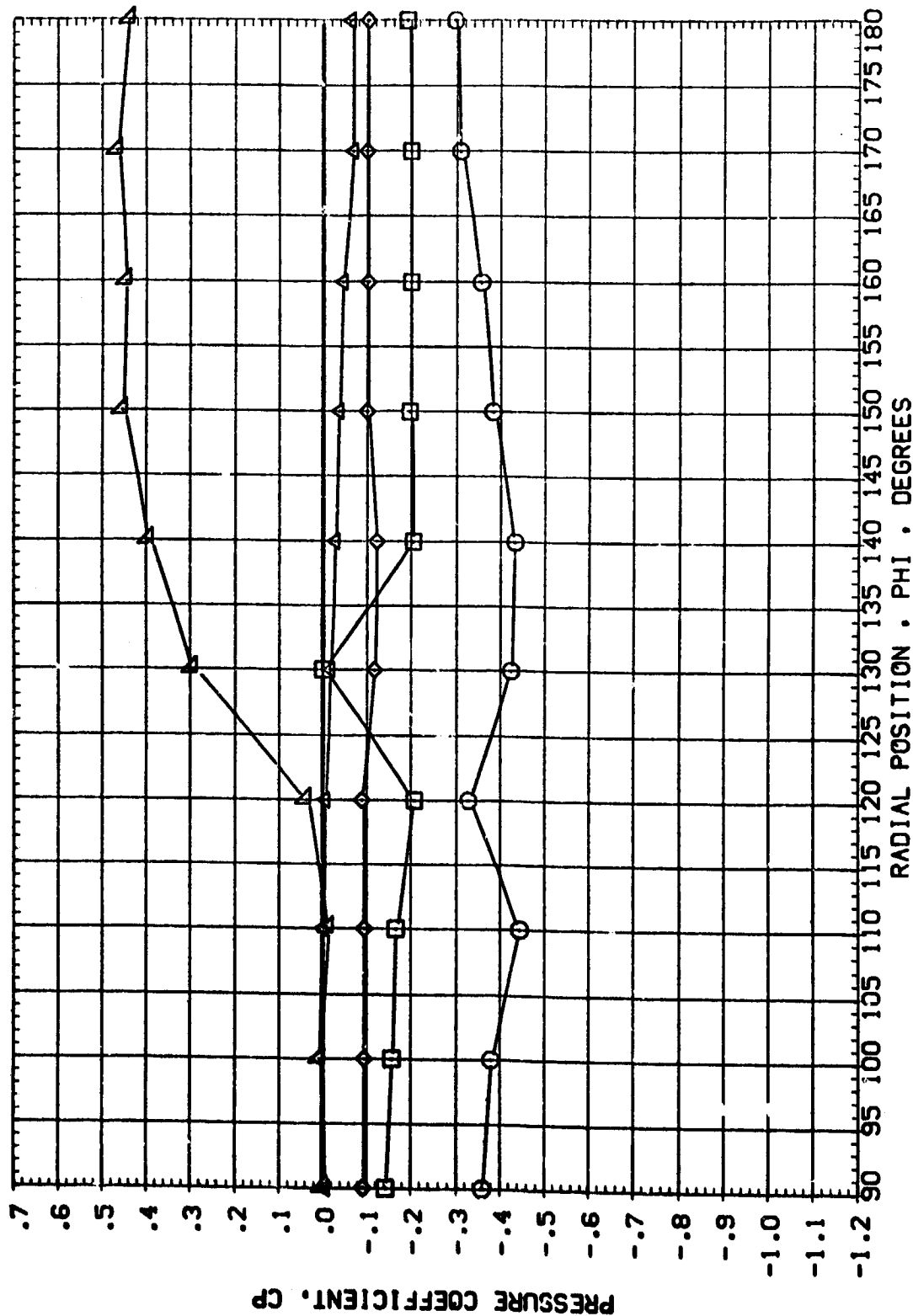
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RN/L	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

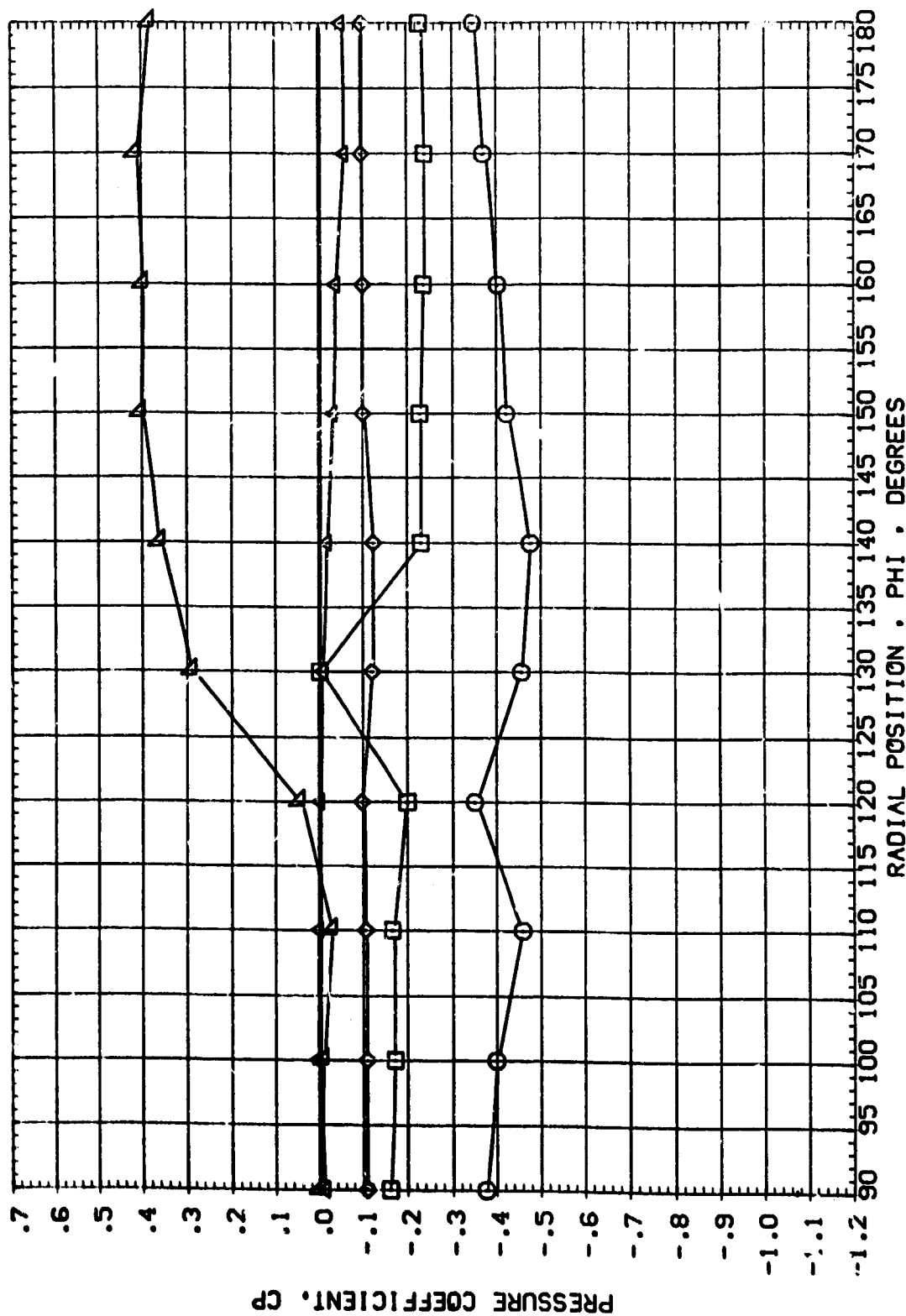
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-4.112	1.250	AILRON	.000
◇	.405			RN/L	.000
□	.546				ELEVTR
△	.698				RUDDER
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

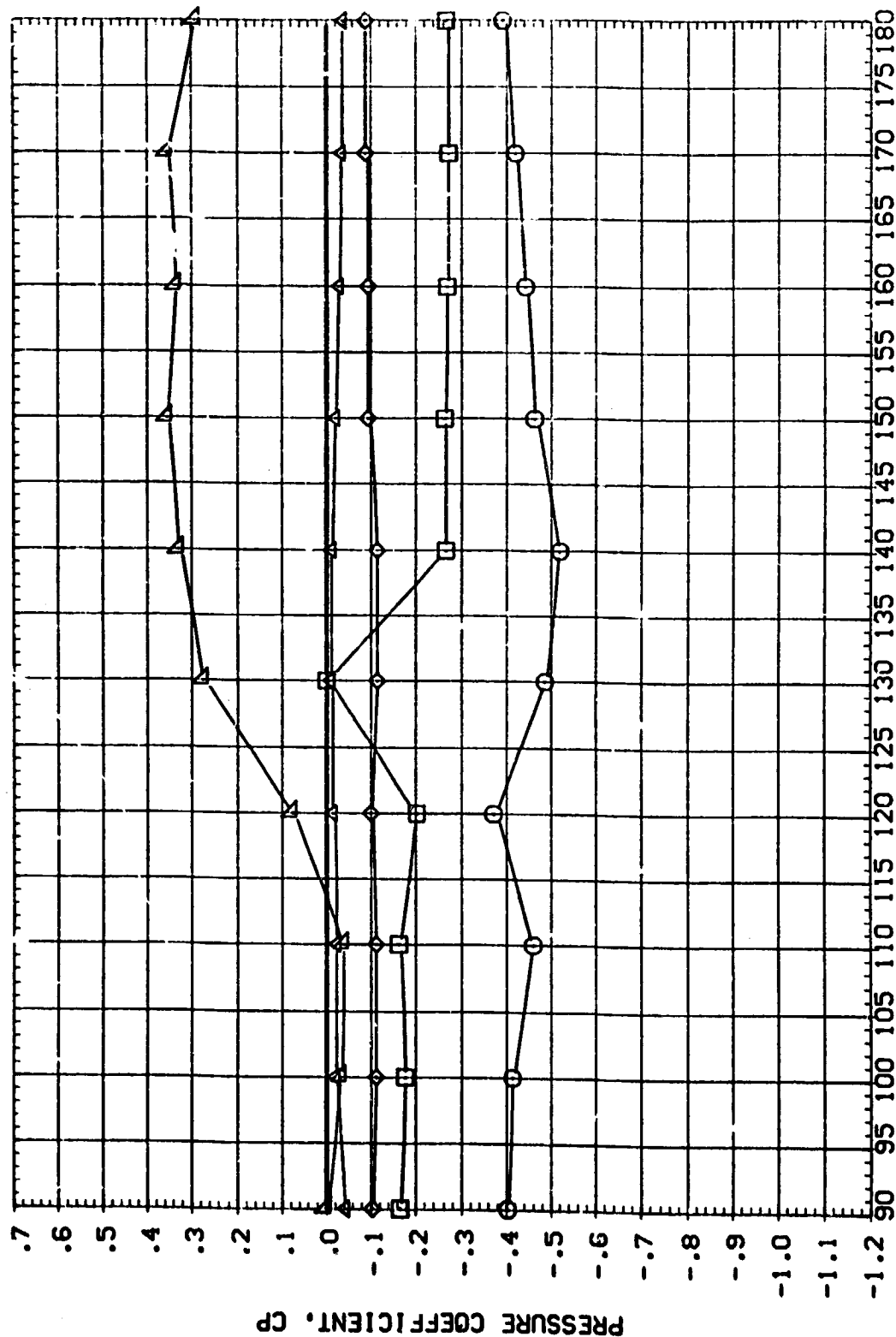
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
	.264	-2.036	1.250	BETA	.000	ELEVTR	.000
	.405			AILRON	.000	RUDDER	.000
	.546			RV/L	4.000		
	.688						
	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
	.264	.123	1.250	BETA	.000	ELEVTR	.000
	.405			AILRON	.000	RUDDER	.000
	.546			RN/L	4.000		
	.688						
	.829						



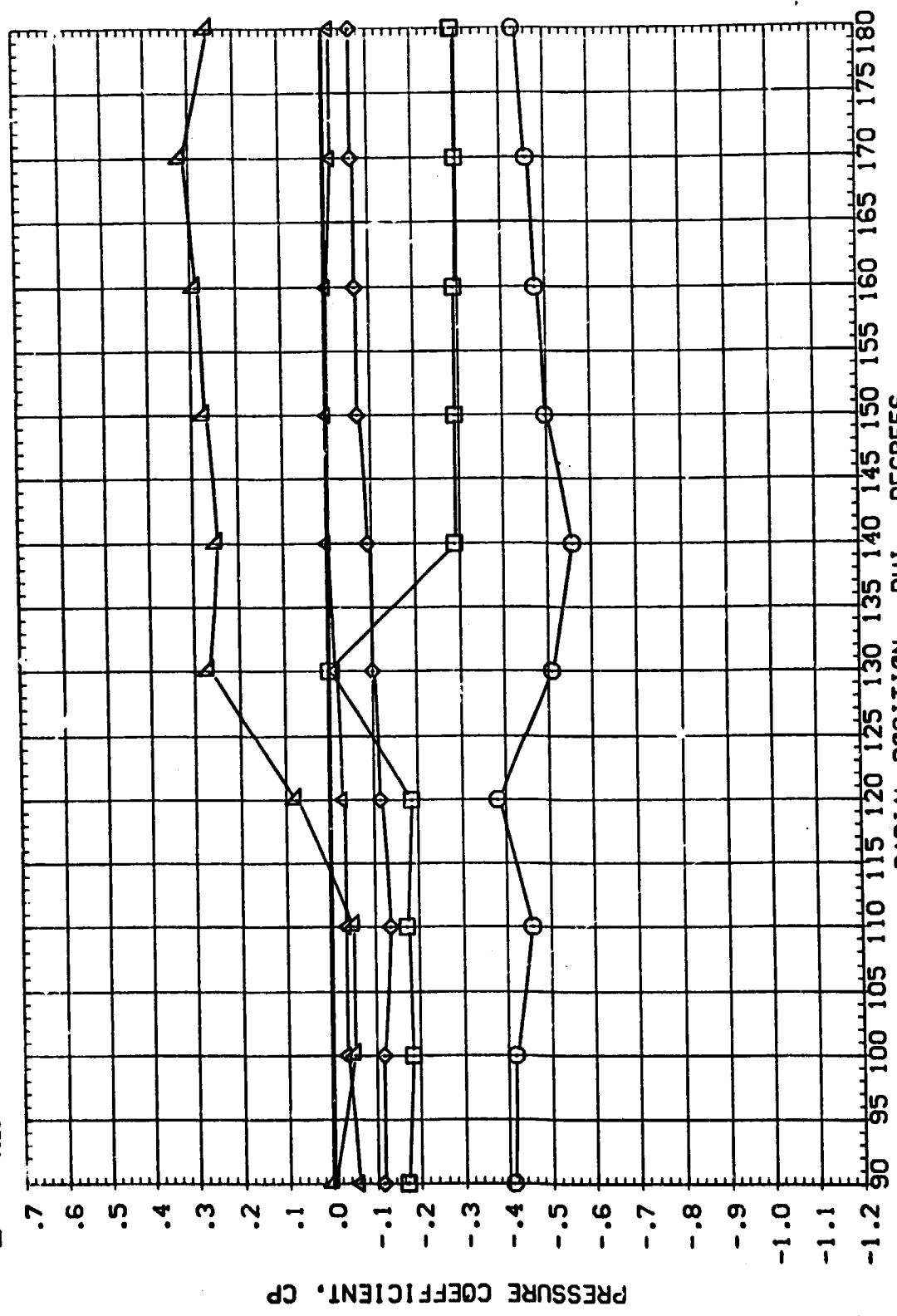
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 4.000

ALF \ MACH
 2.297 1.251

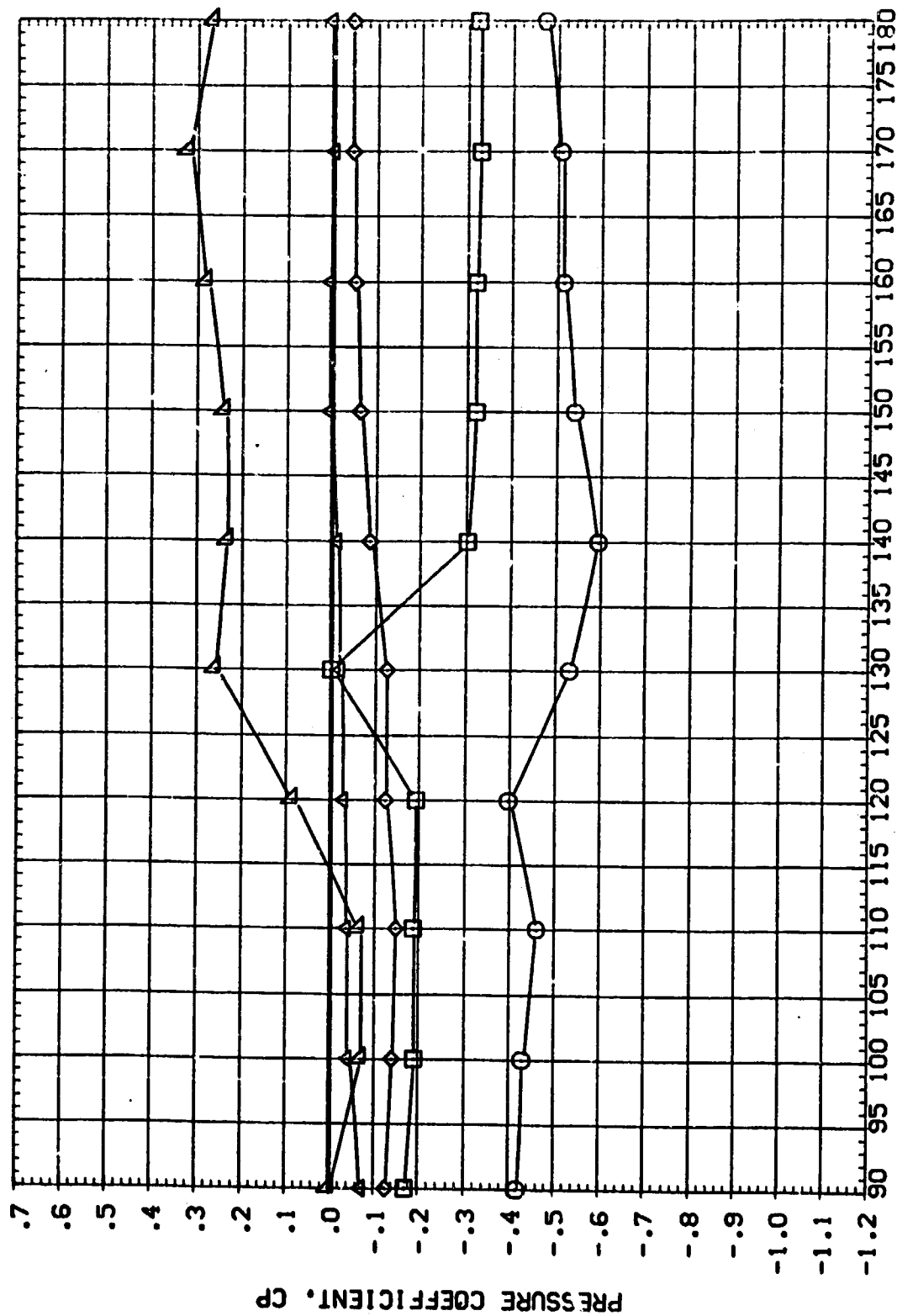
SYMBOL X/L
 .264
 .405
 .546
 .688
 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
 RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARALLELIC VALUES
△	.264	4.332	1.250	AILRON	.000
◇	.405			RVL	.000
□	.546				4.000
△	.688				
△	.829				

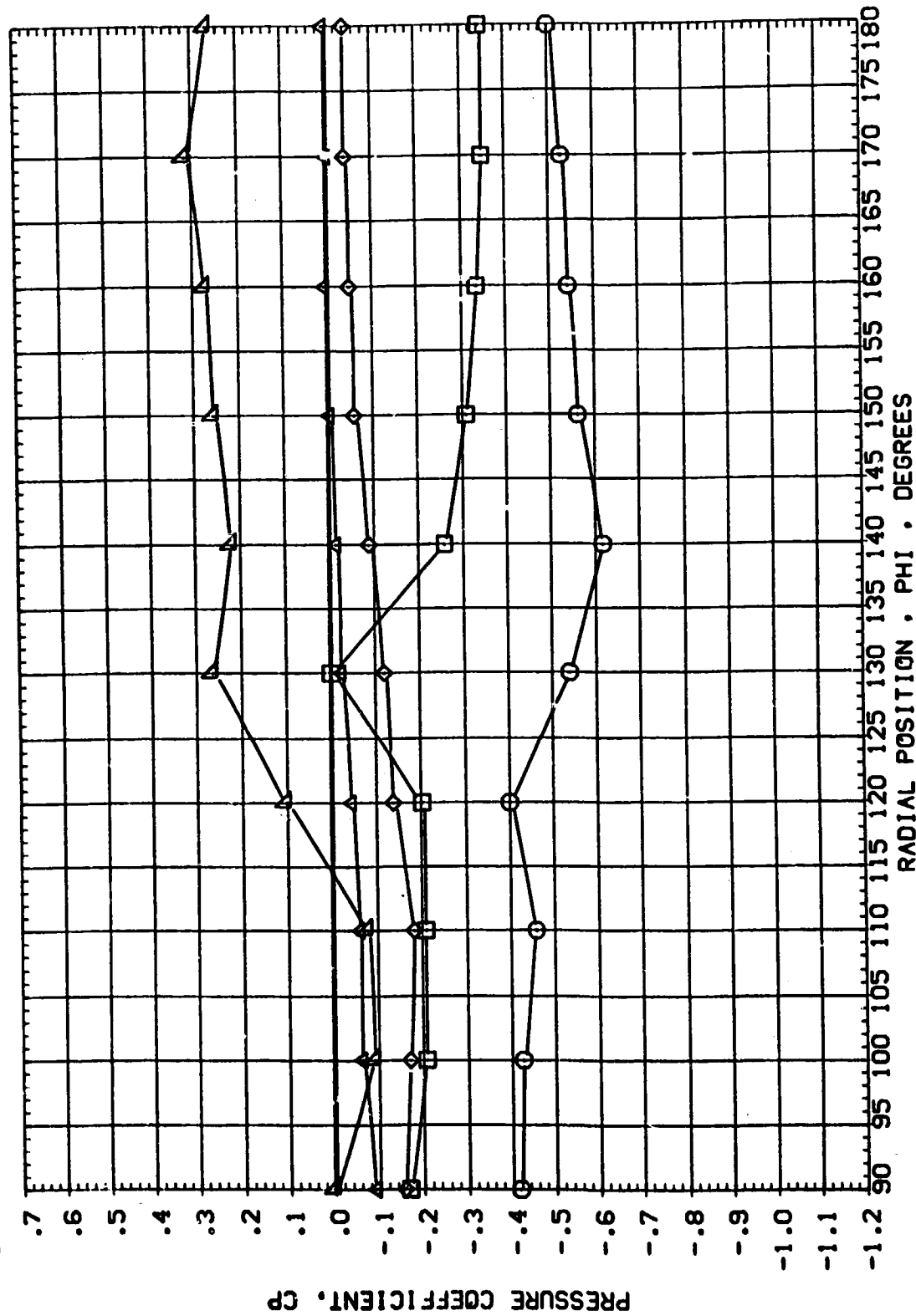


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

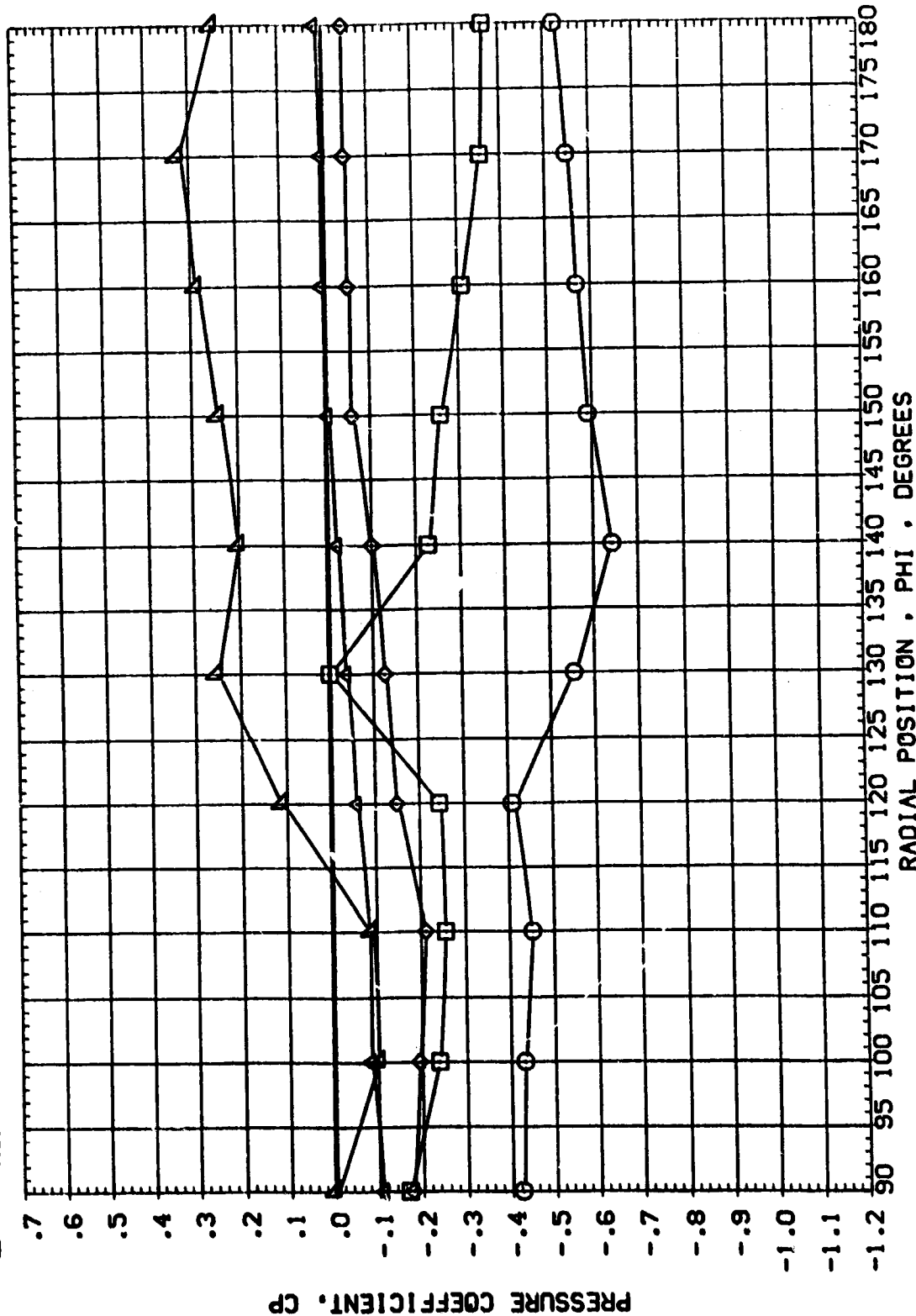
SYMBOL X/L ALFA MACH
 .254
 .405
 .546
 .598
 .829

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RV/L 4.000
 ELEVTR .000
 RUDDER .000



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
□	.264	8.649	1.249	AILRON	.000	RUDER	.000
◇	.435			RV/L	4.000		
△	.546						
▽	.688						
◊	.829						

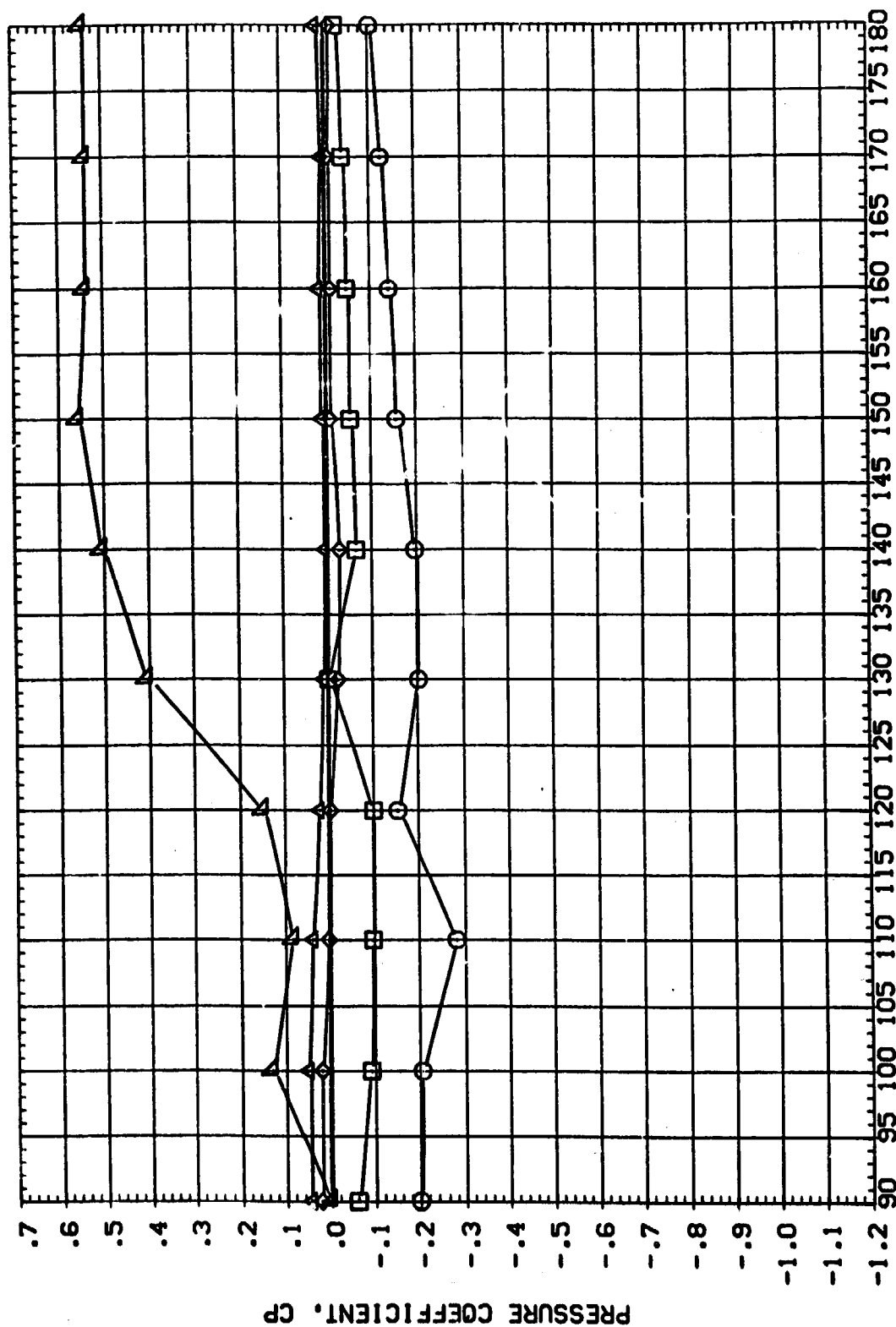


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

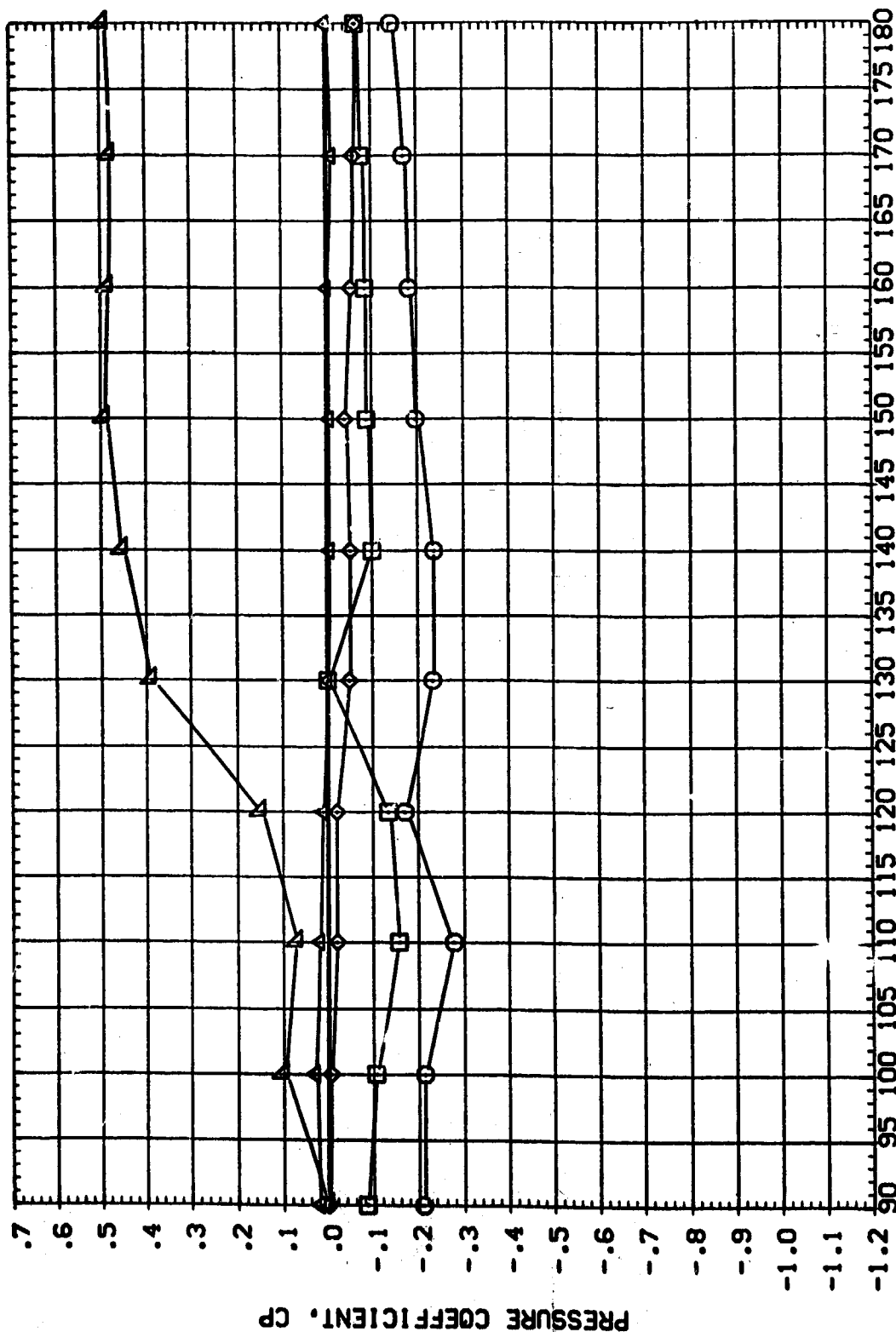
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
○	.254	-8.612	1.500	.000	.000	.000	
□	.405			.000			
◇	.546			4.000			
△	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0004)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
	.264	-6.366	1.500	BETA	.000	ELEVTR	.000
	.405			AILRON	.000	RLOOR	.000
	.546			RM/L	4.000		
	.688						
	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

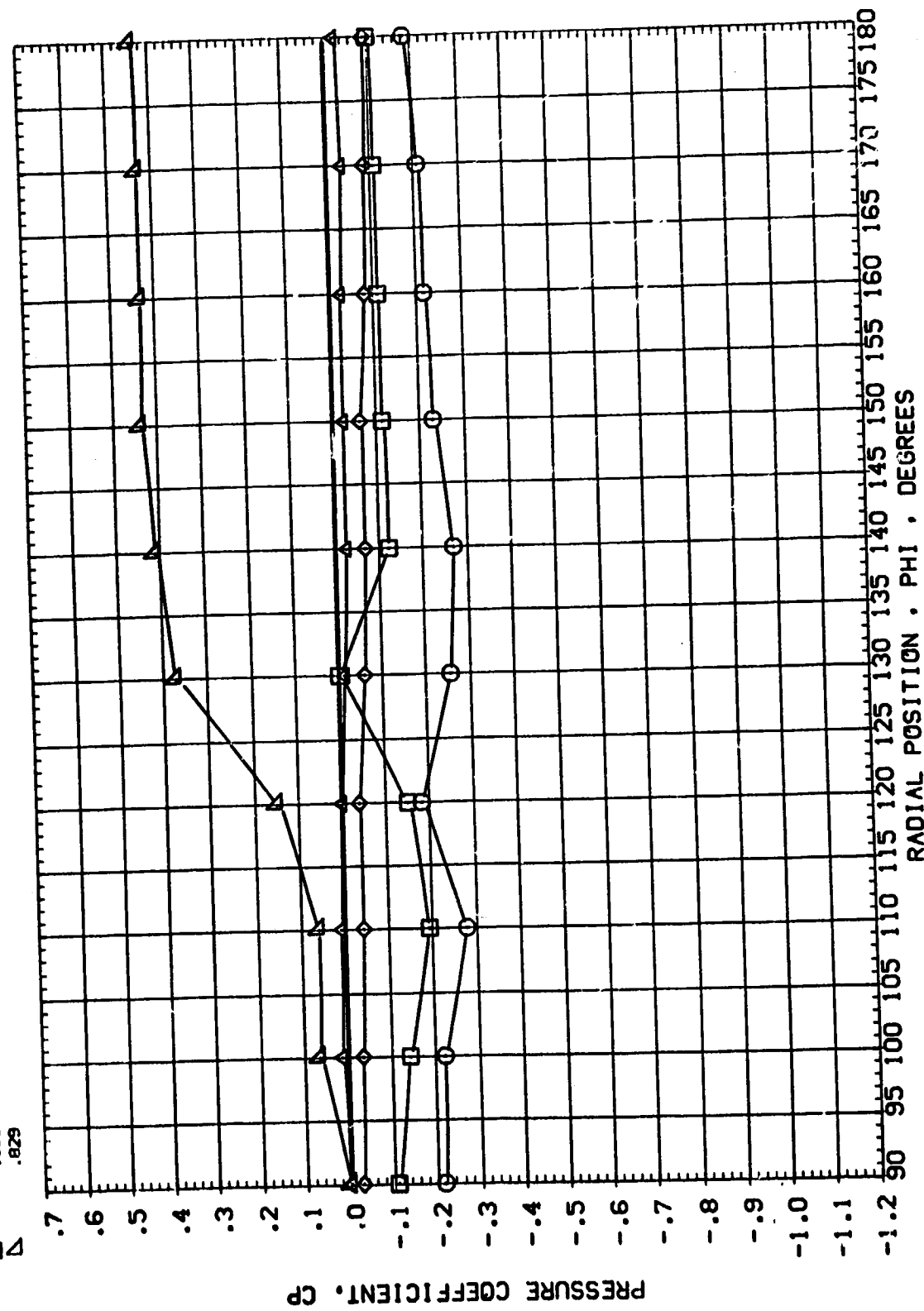
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYNOPSIS
 X/L .264
 .405
 .545
 .688
 .829

ALPHA
 -4.338

MACH
 1.499

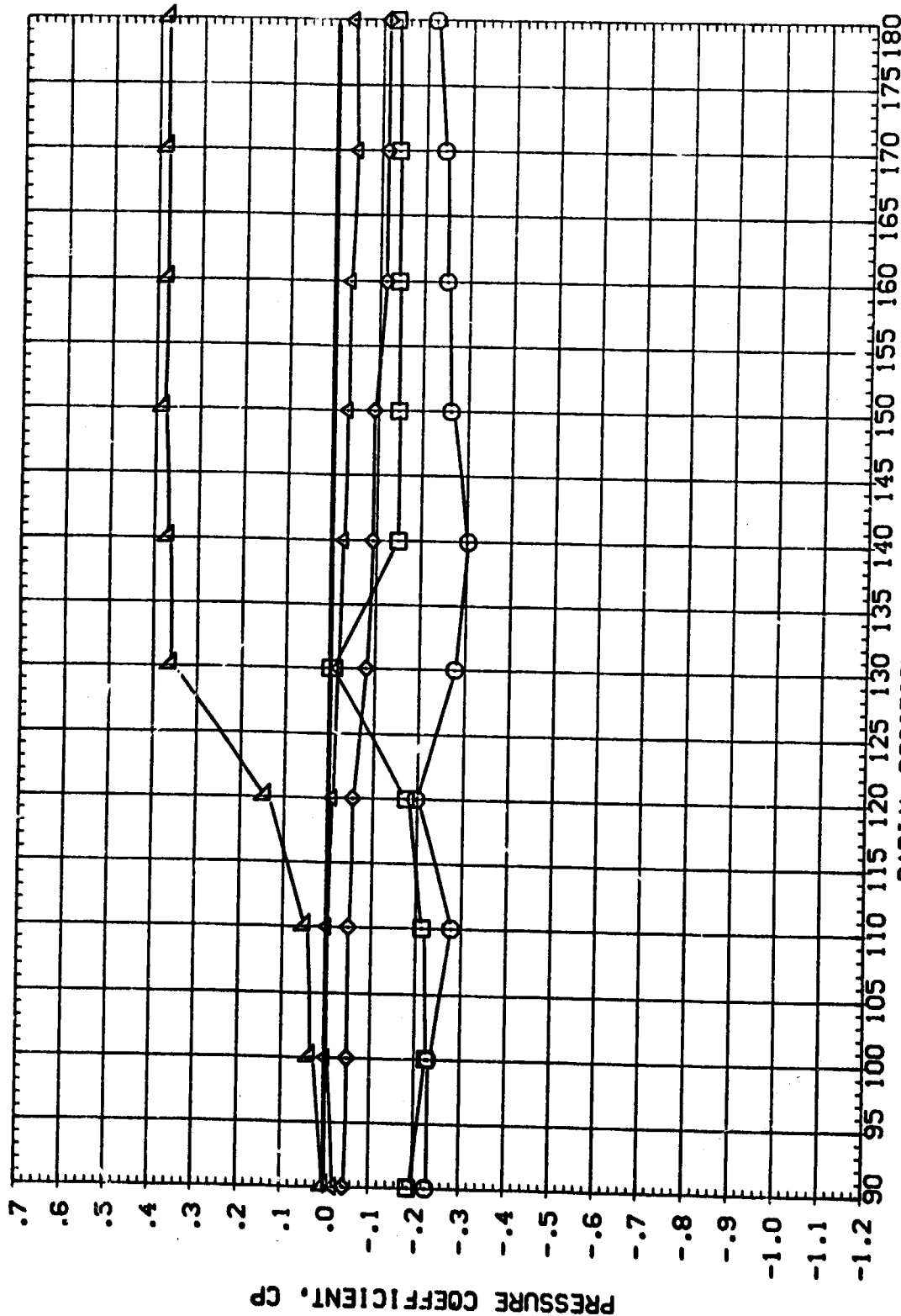
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RN/L 4.000
 ELEVTR .000
 RUDDER .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

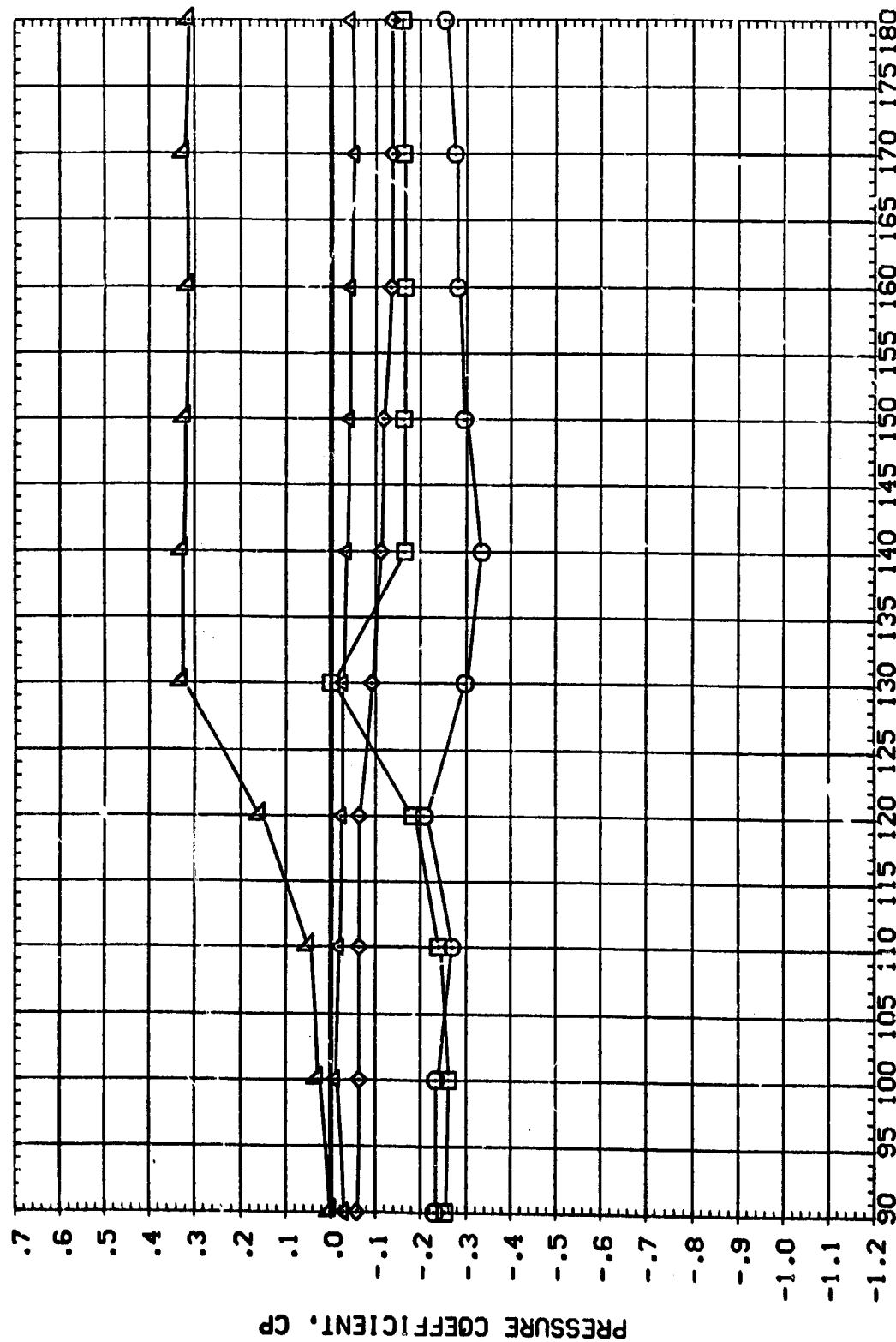
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	-2.159	1.501	AILRON	.000
◇	.405			RUDDER	.000
△	.546			RV/L	4.000
△	.698				
△	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 65-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

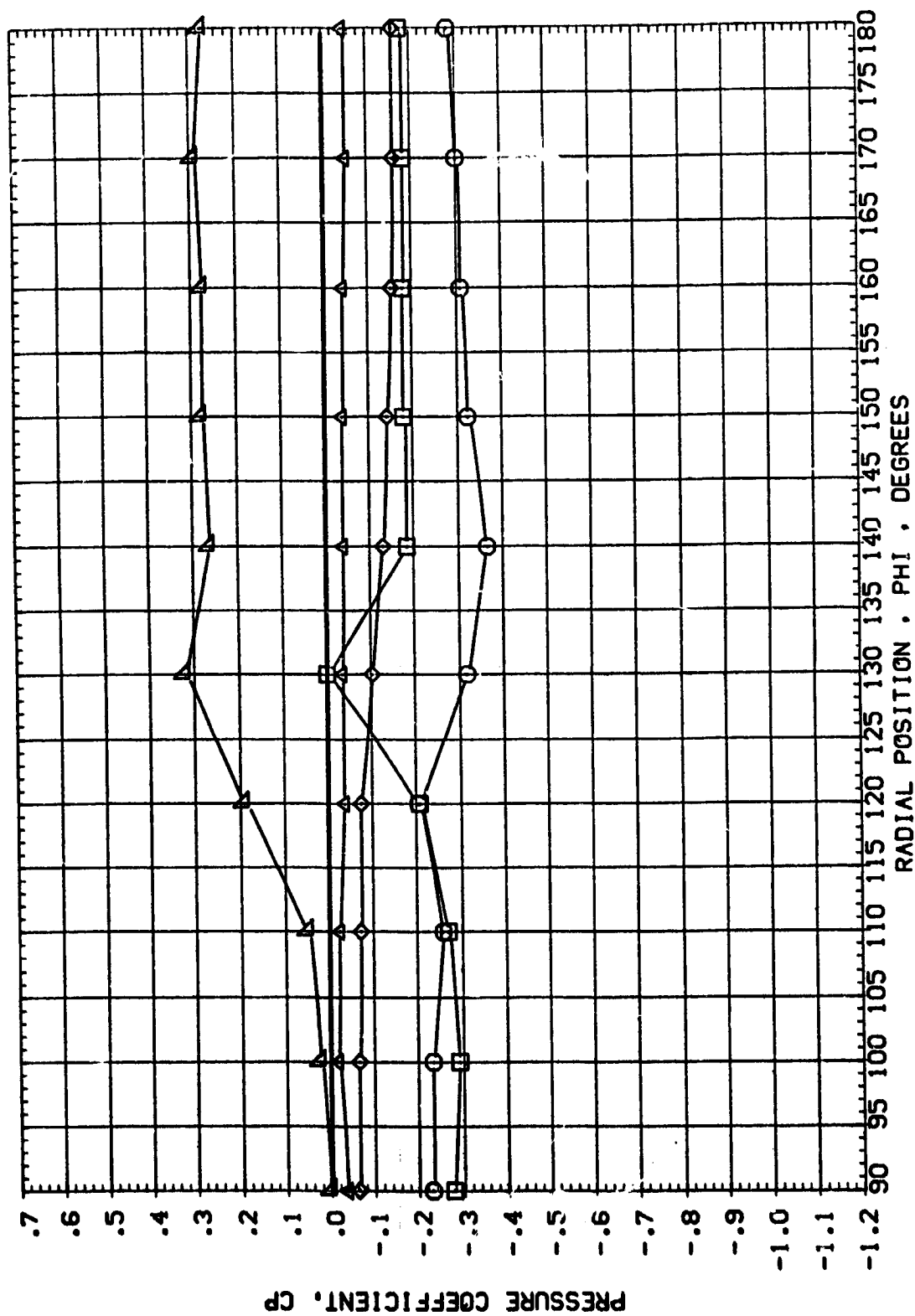
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
□	.264	-.027	1.499	AILRON	.000	RUDER	.000
◇	.405			RV/L	4.000		
△	.546						
▽	.688						
▲	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
RADIAL POSITION, PHI, DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

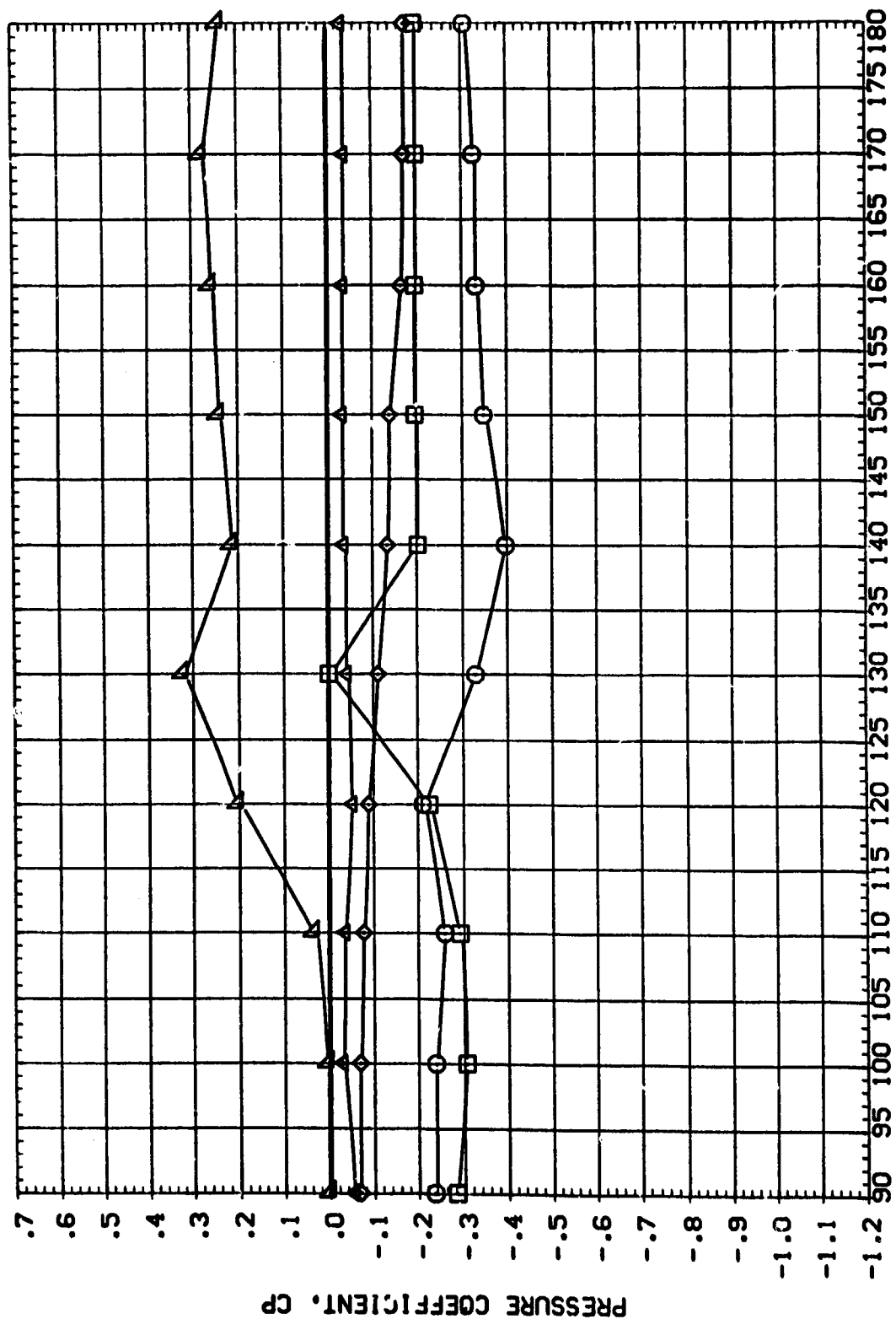
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
△	.264	2.110	1.499	AILRON	.000
◇	.405			RN/L	.000
□	.546				4.000
△	.688				
△	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

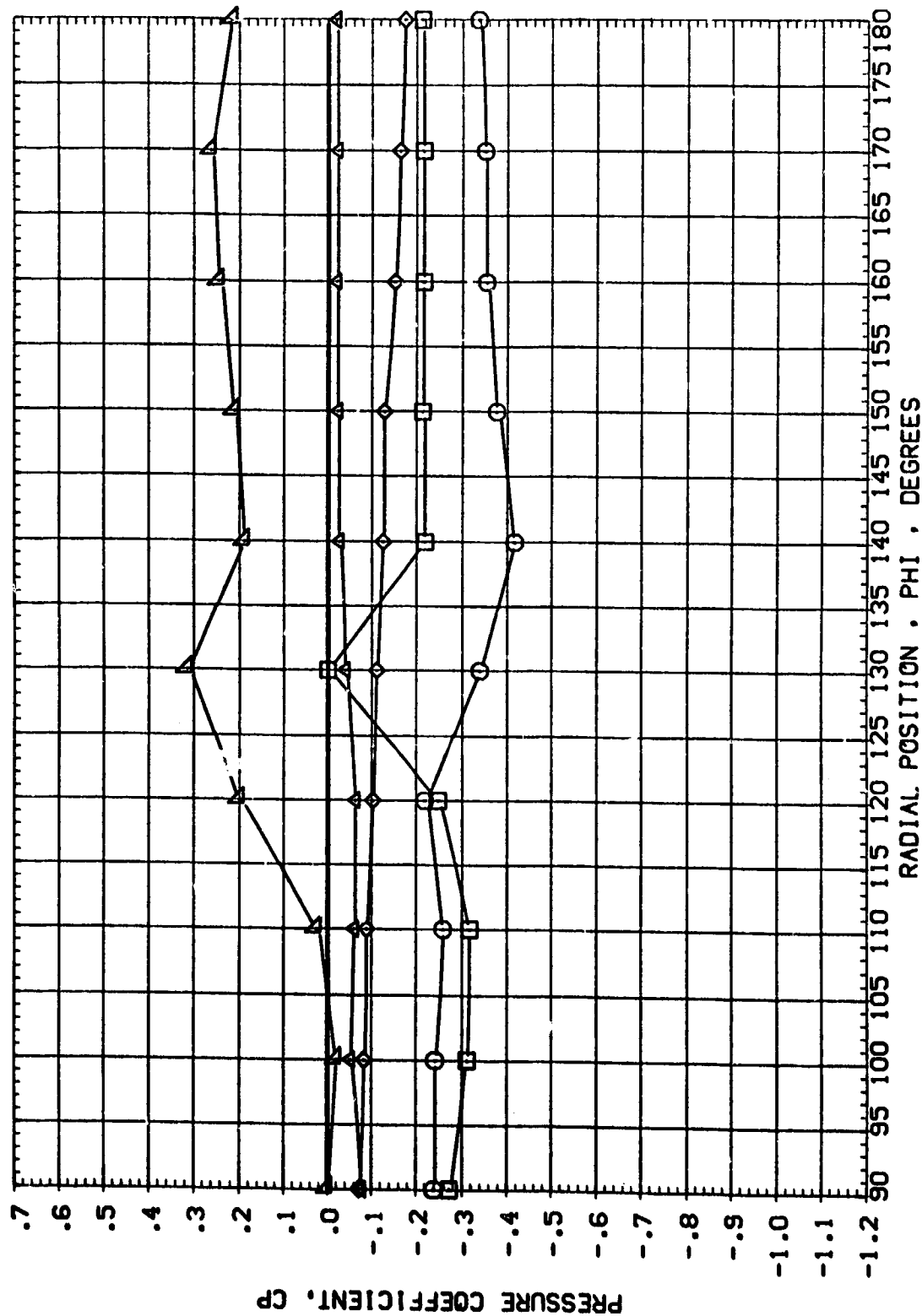
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RVL	4.000		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

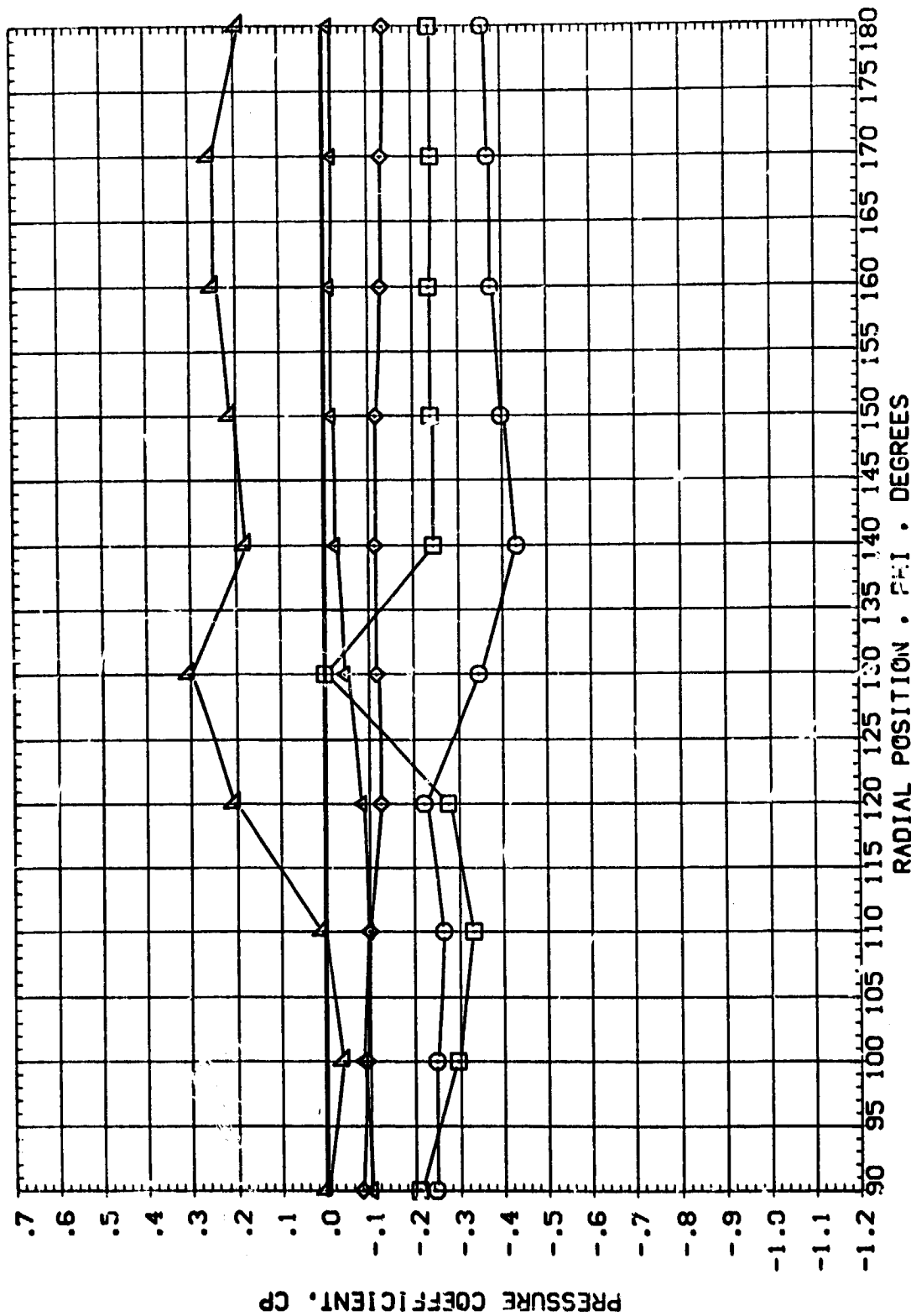
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	6.342	1.499	AILRON	.000
◇	.405			RN/L	.000
△	.546				RUDDER
▽	.688				
△	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB004)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
▽	.264	8.493	1.499	.000	ELEVTR
◇	.405			.000	RUDER
△	.546			4.000	
□	.688				
○	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

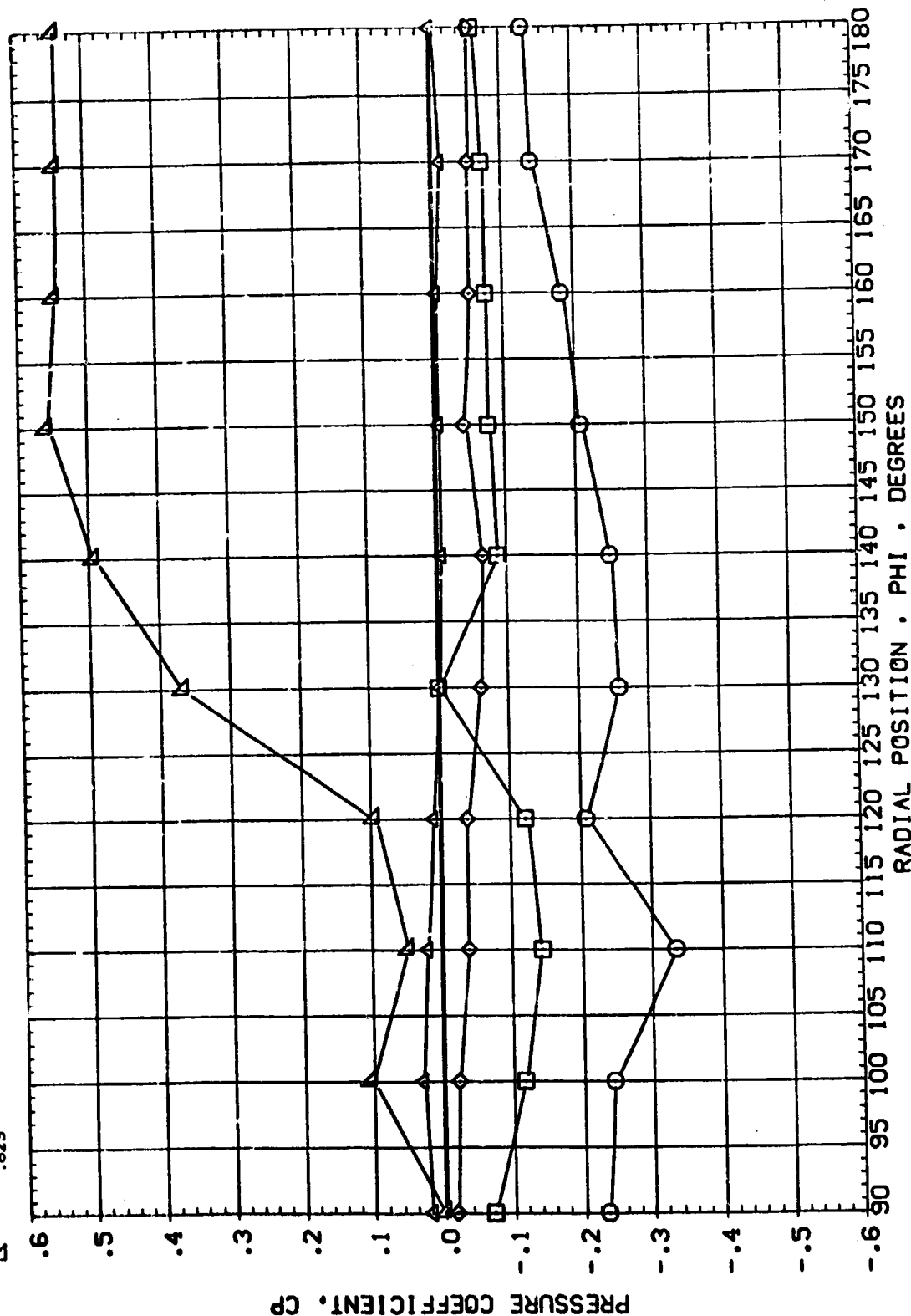
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

SYMBOL X/L ALPHA MACH
 .264
 .405
 .546
 .688
 .829

PARAMETRIC VALUES
 .000
 .000
 .000
 4.300

PETA
 AILRON
 F L

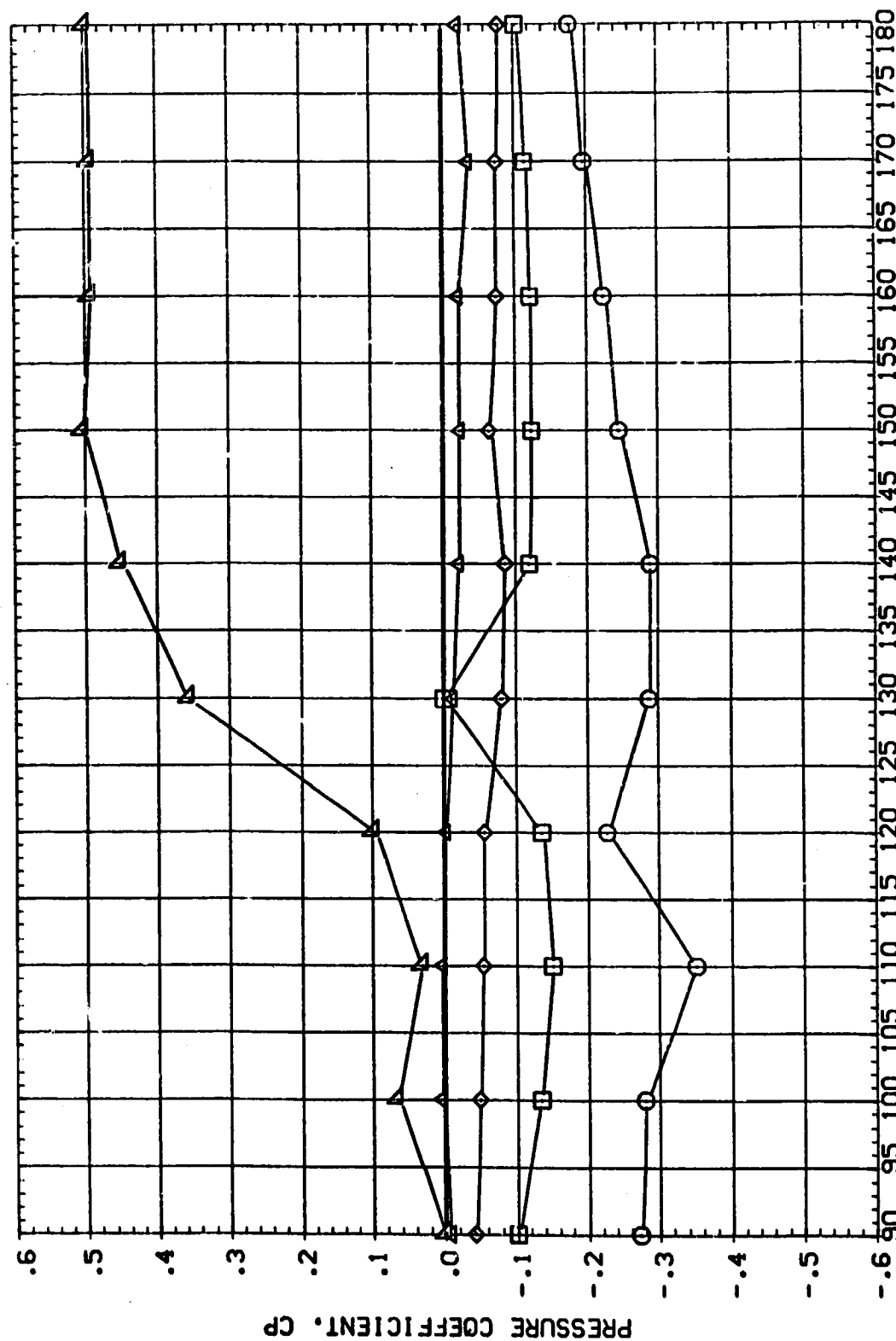
.000
 .000
 .000
 .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

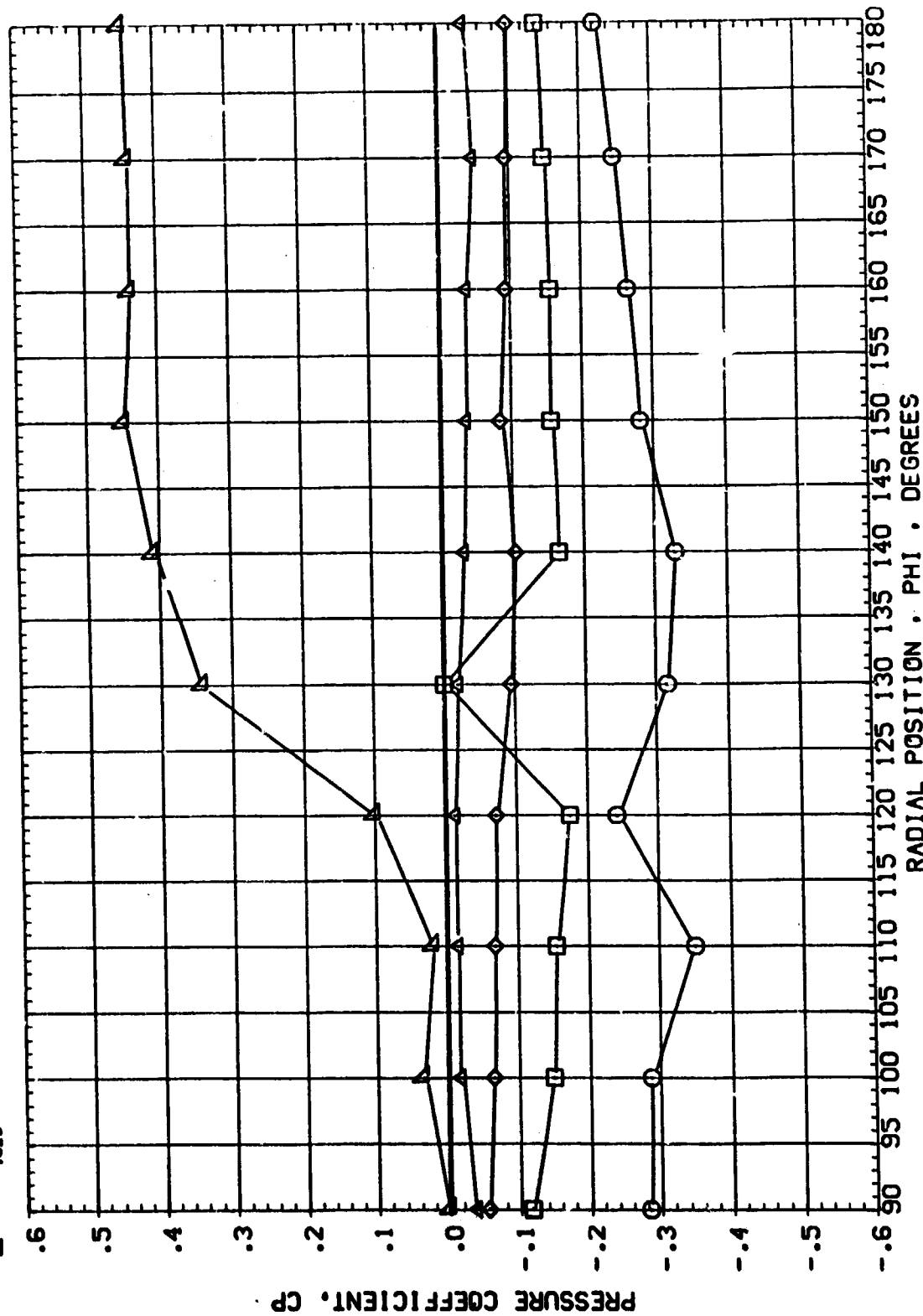
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-6.463	1.401	.000	.000 ELEVTR
□	.405			.000	.000 RUDDER
◇	.546			4.300	
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

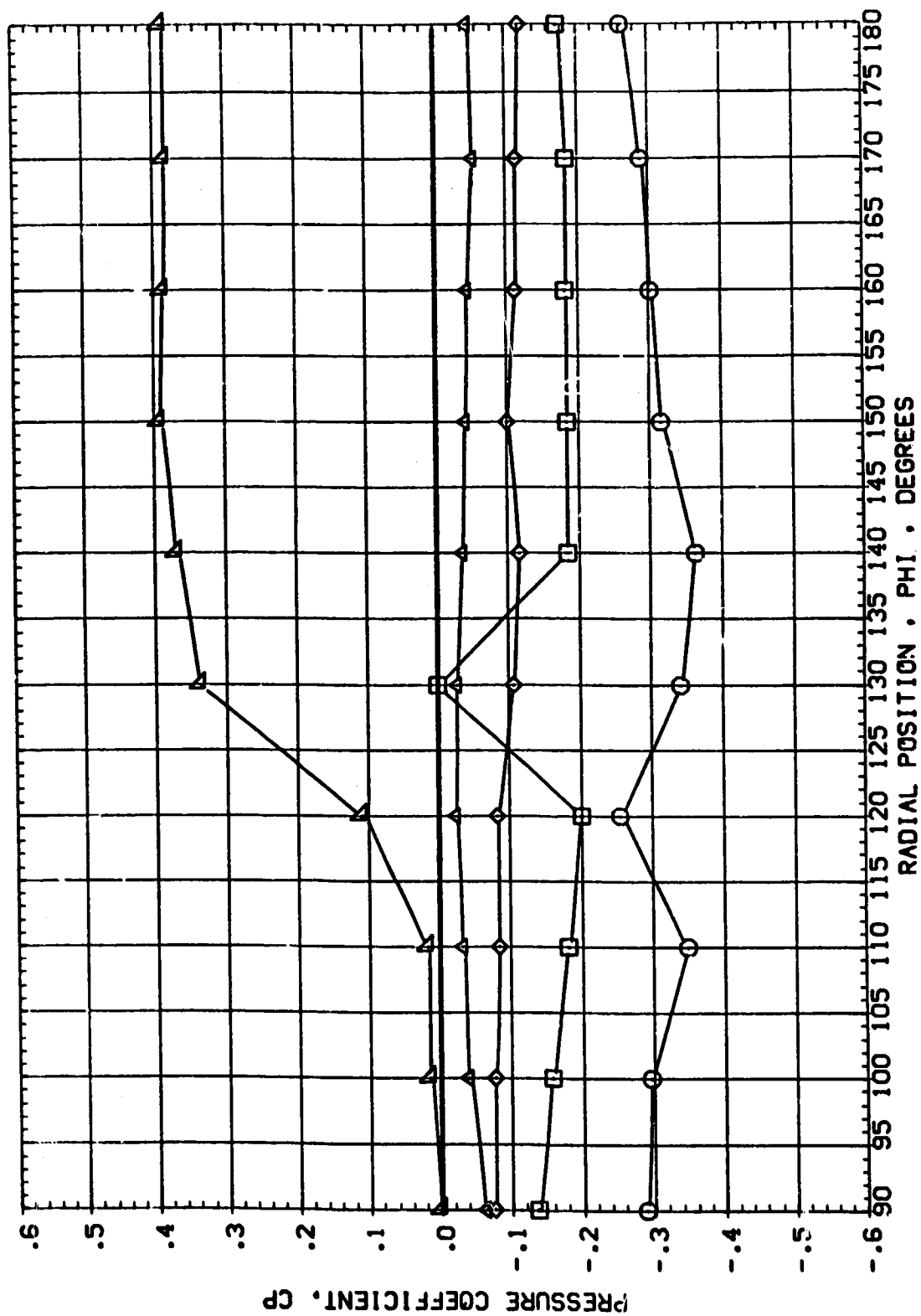
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
□	.264	-4.319	1.400	AILRON	.000	RUDER	.000
◇	.405			RNVL	4.300		
△	.546						
▽	.688						
△	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

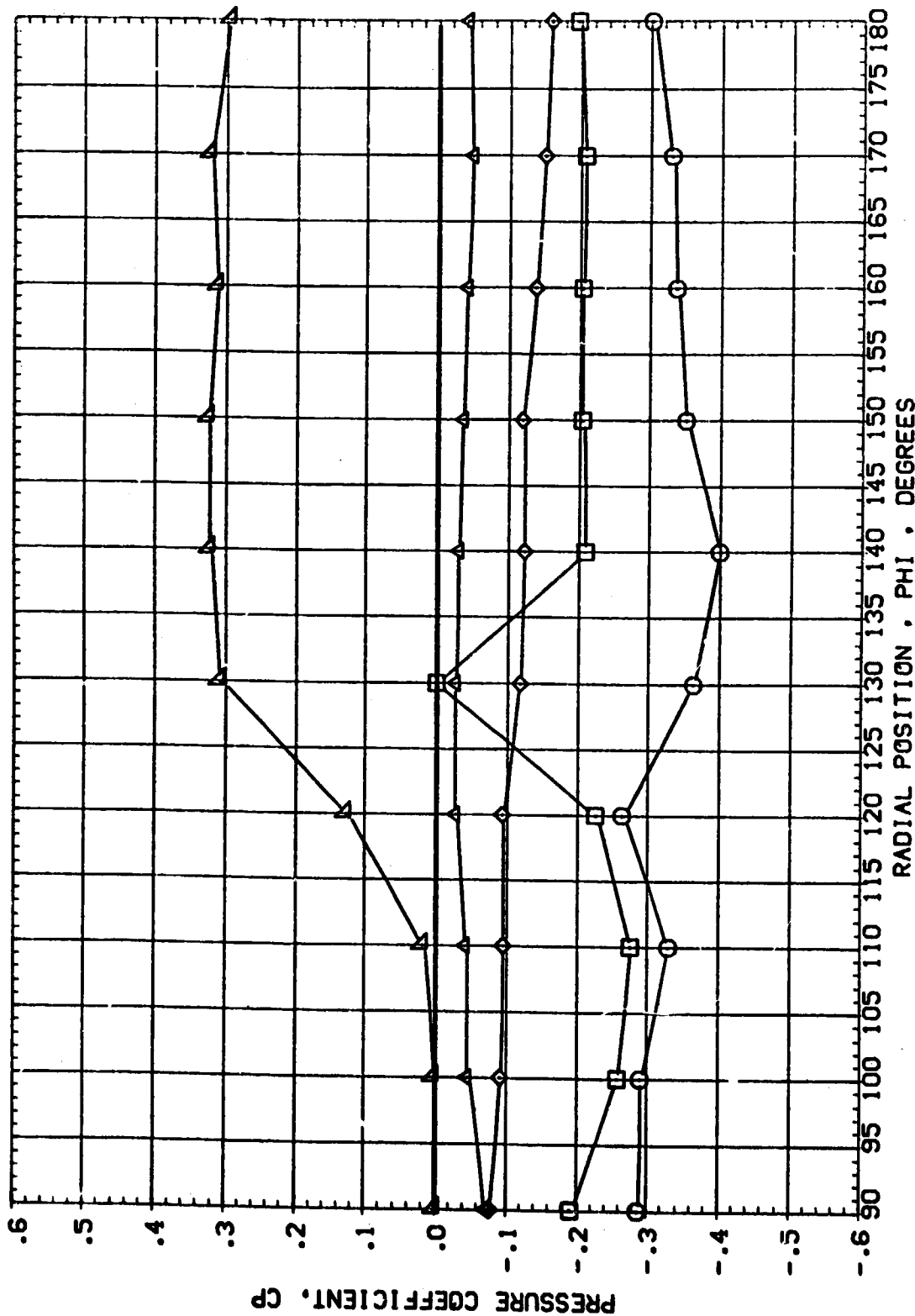
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	-2.126	1.399	BETA	.000	ELEVTR
	.405			A/LRON	.000	RUDDER
	.546			RN/L	4.300	.000
	.698					
	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

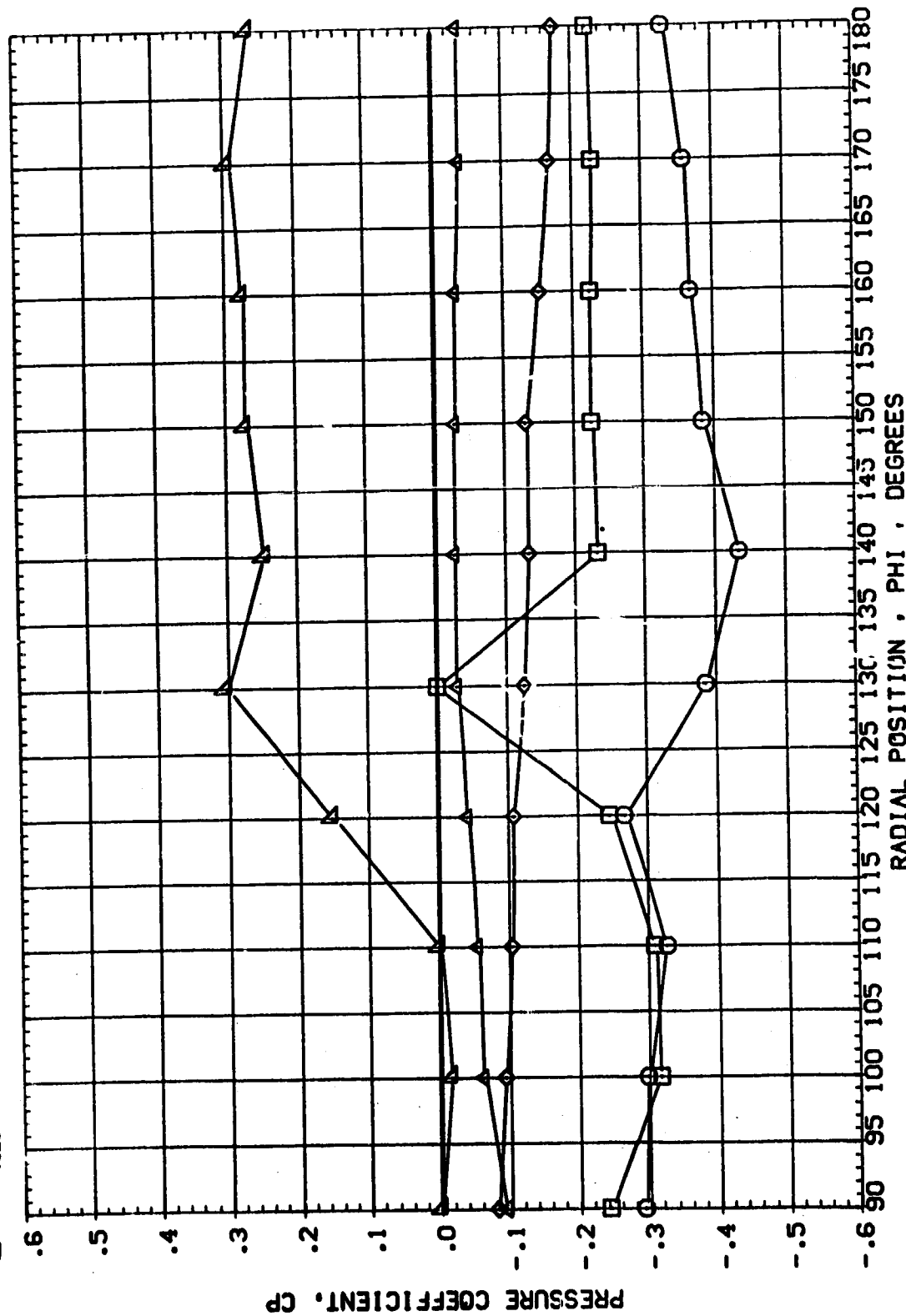
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	.019	1.400	AILRON	.000
□	.405			RNL	.000
◇	.546				4.300
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

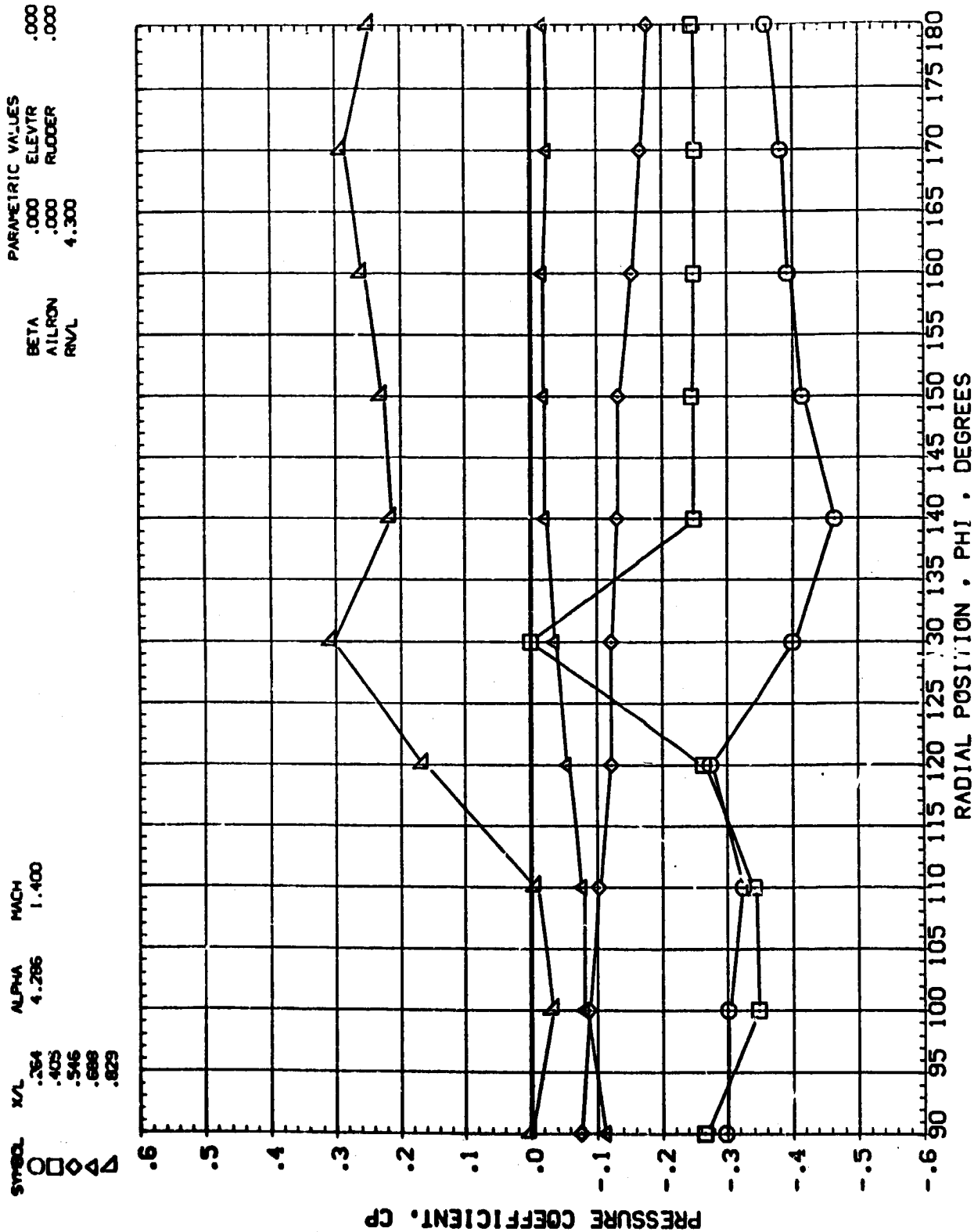
AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB005)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES
▽	.264	2.175	1.400	ETA .000
◇	.405			ELEVTR .000
□	.546			RUDDER 4.300
△	.688			
▽	.829			



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

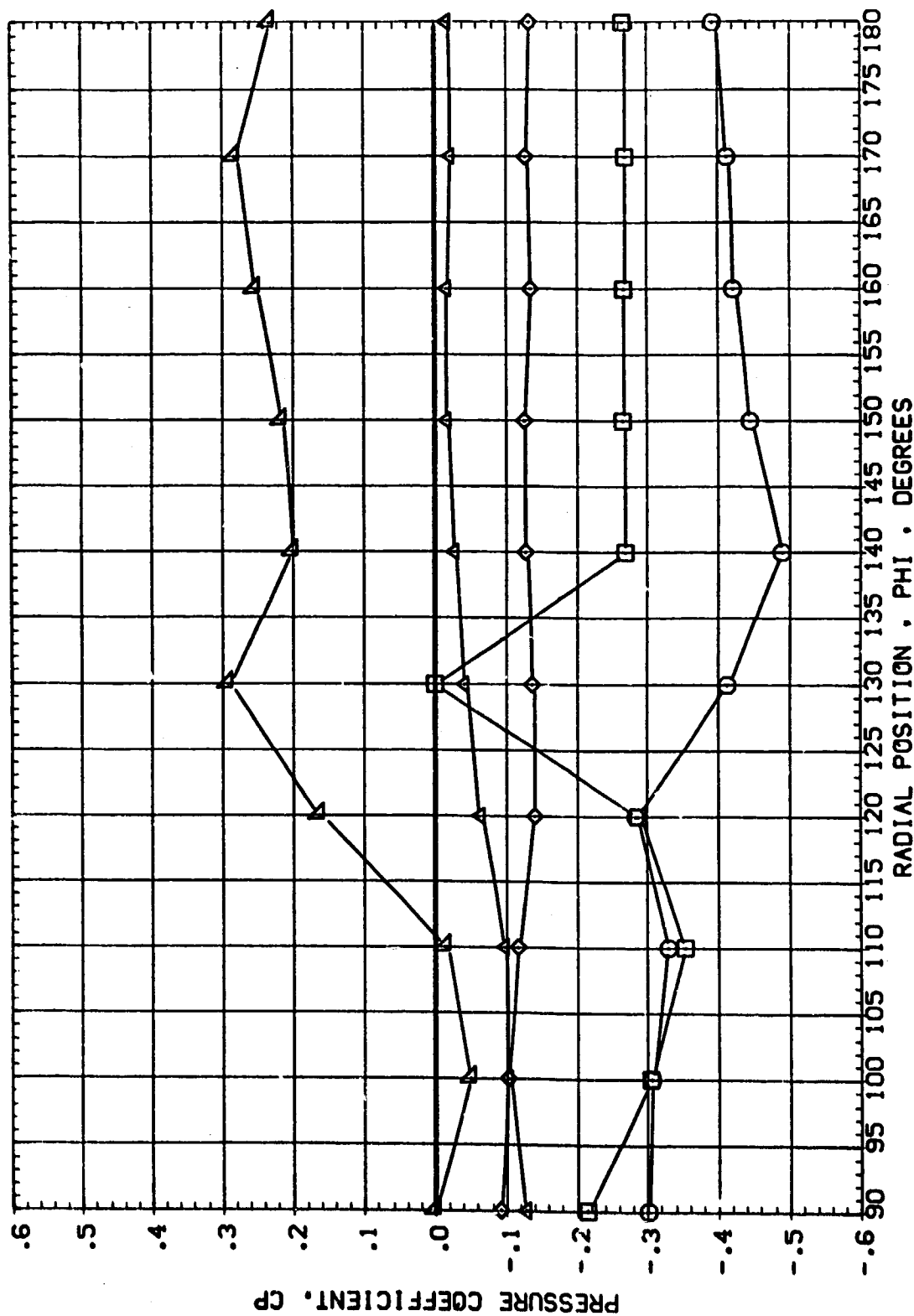
PARAMETRIC VALUES	
BETA	.000
AILRON	.000
RVL	4.300
ELEVTR	.000
RUDR	.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-600 PRESSURE VENTING - INTEG. VEHICLE (REB005)

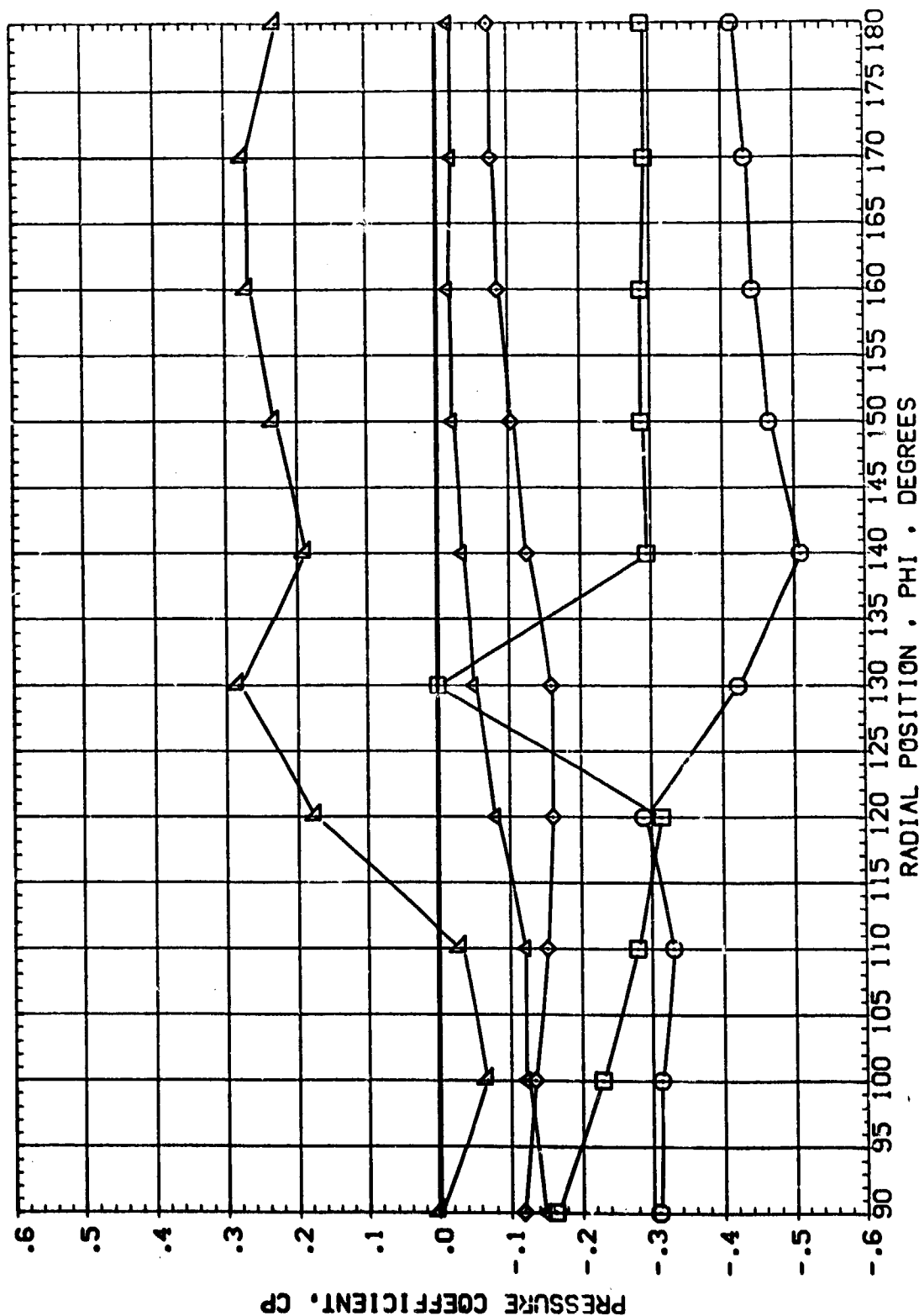
SV-532	ALPHA	MACH	PARAMETRIC VALUES	
1.04	6.335	1.400	BETA	.000
.405			AILTRON	.000
.546			RUDER	.000
.688			RN/L	4.300
.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REBOJ5)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
				AILRON	.000	RUDDER	.000
				RV/L	4.300		

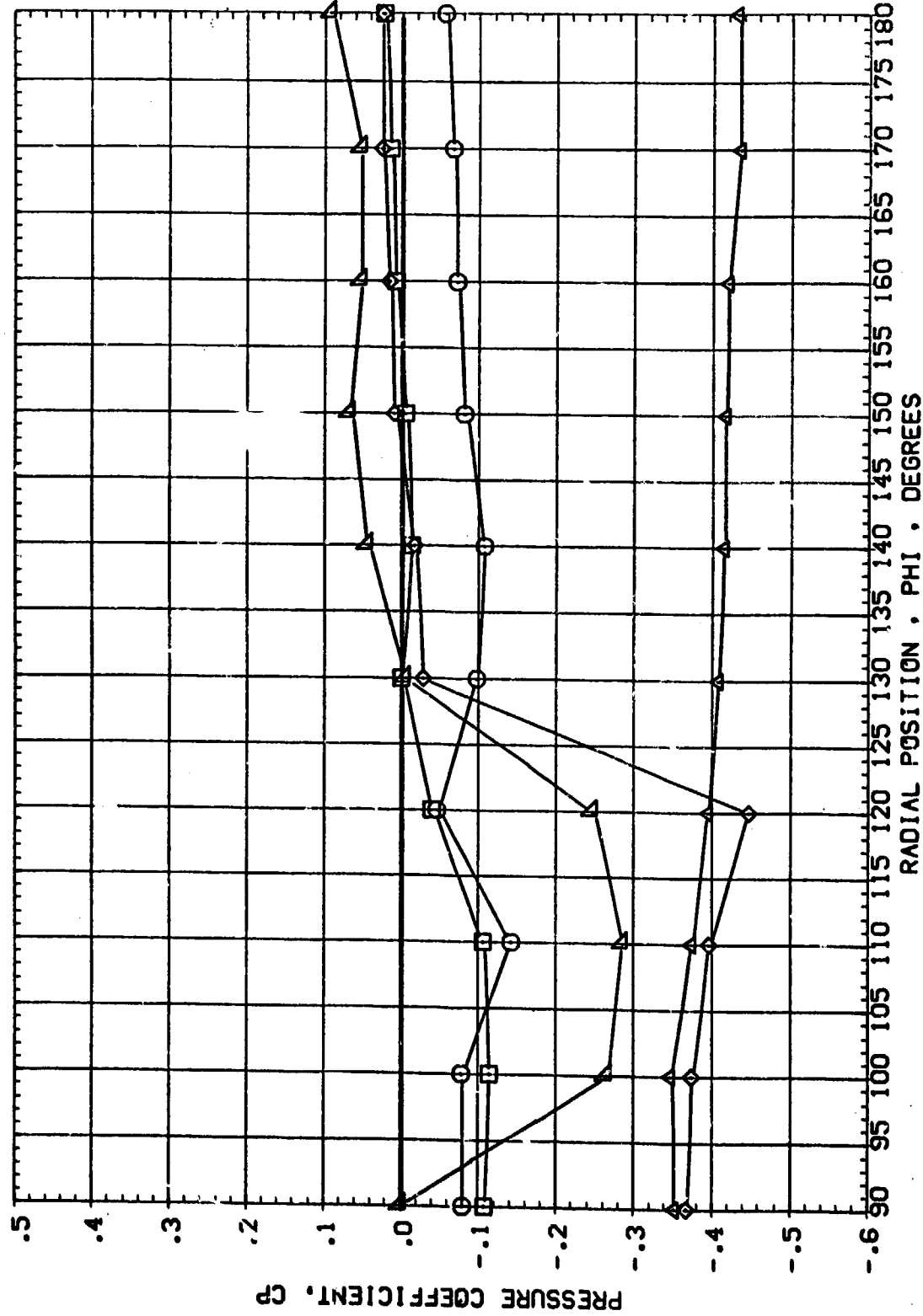


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB0002)

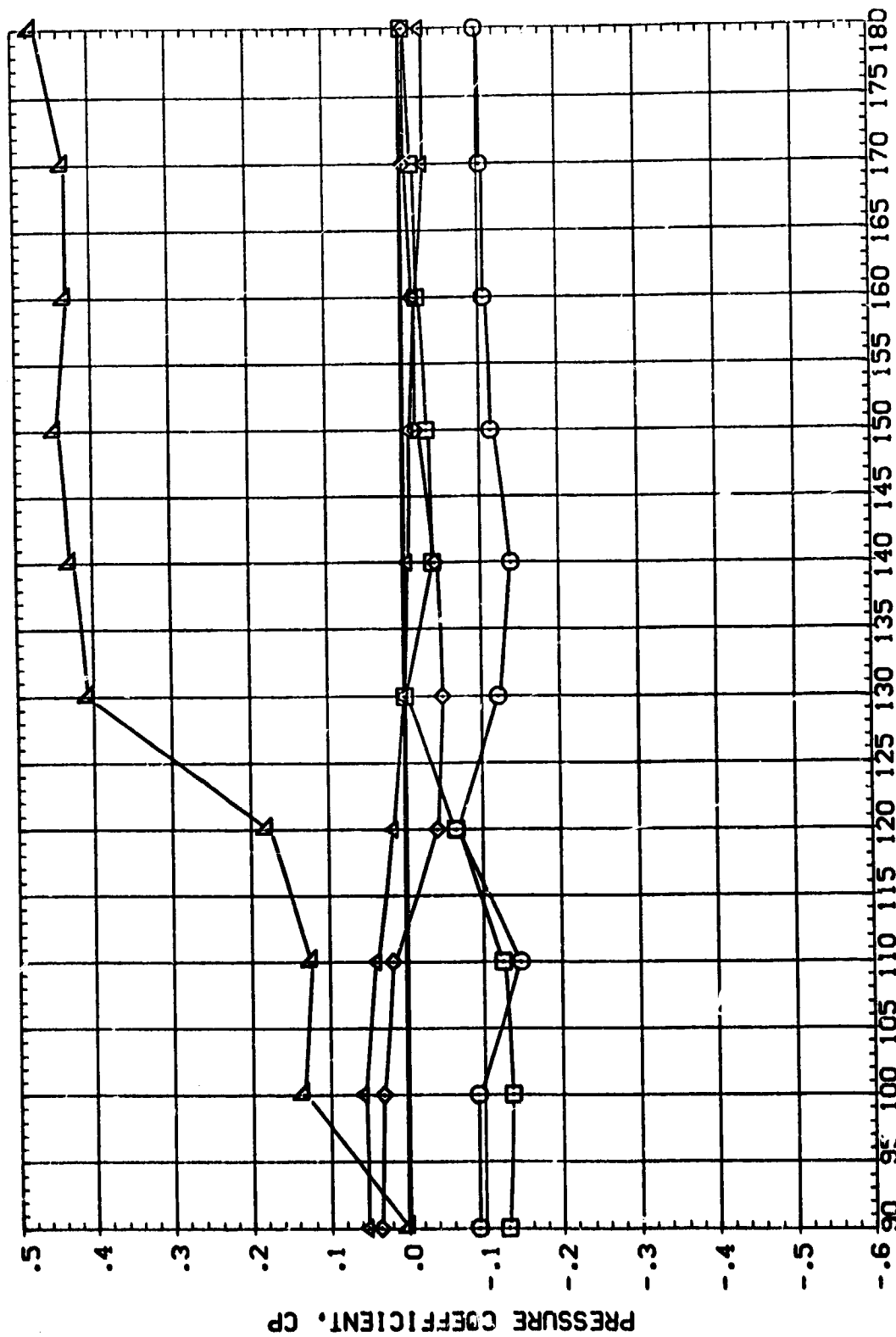
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
○	.264	-8.365	1.750	AILRON	.000	RUDDER	.000
□	.405			RN/L	3.000		
◇	.546						
△	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

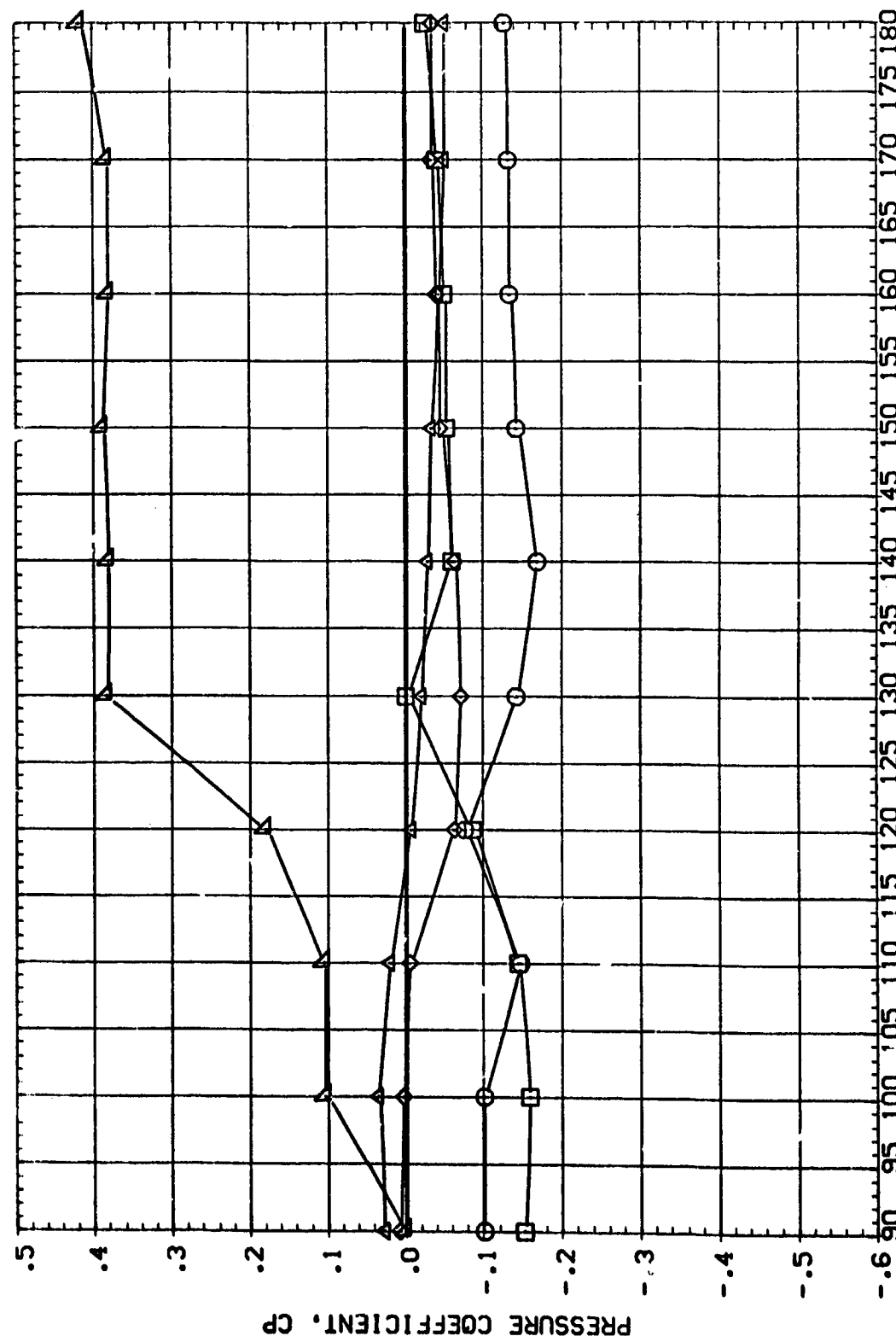
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-6.351	1.751	ALLRON	.000 ELEVTR .000
□	.405			RM/L	.000 RUDDER .000
◇	.546				3.000
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
RADIAL POSITION, PHI, DEGREES

AMES 66-500 PRESSURE VENTING - INTEG. VEHICLE (REB002)

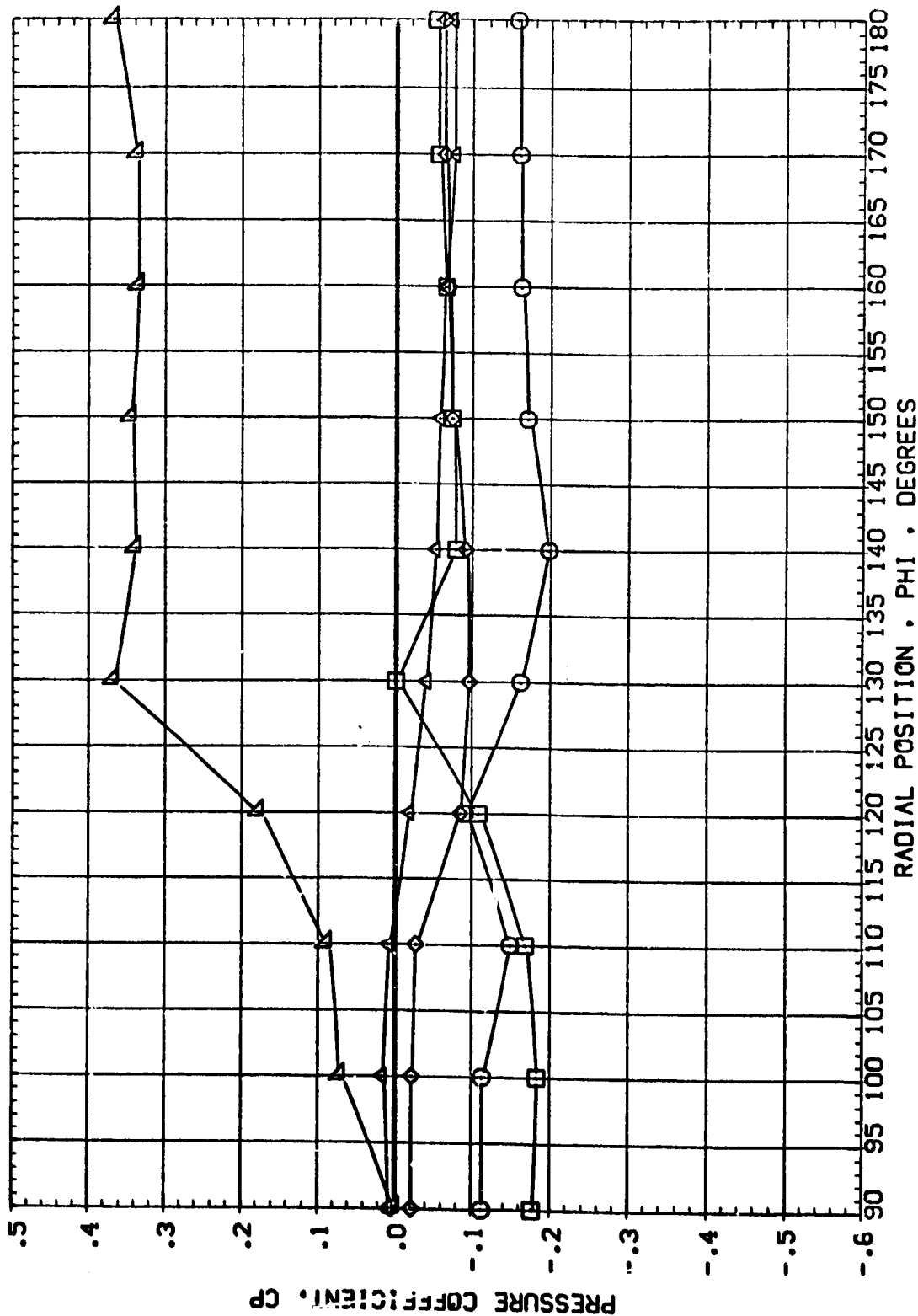
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
				AILRON	.000
				RN/L	.000
					3.000
					ELEVTR
					RUDDER
					.000
					.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

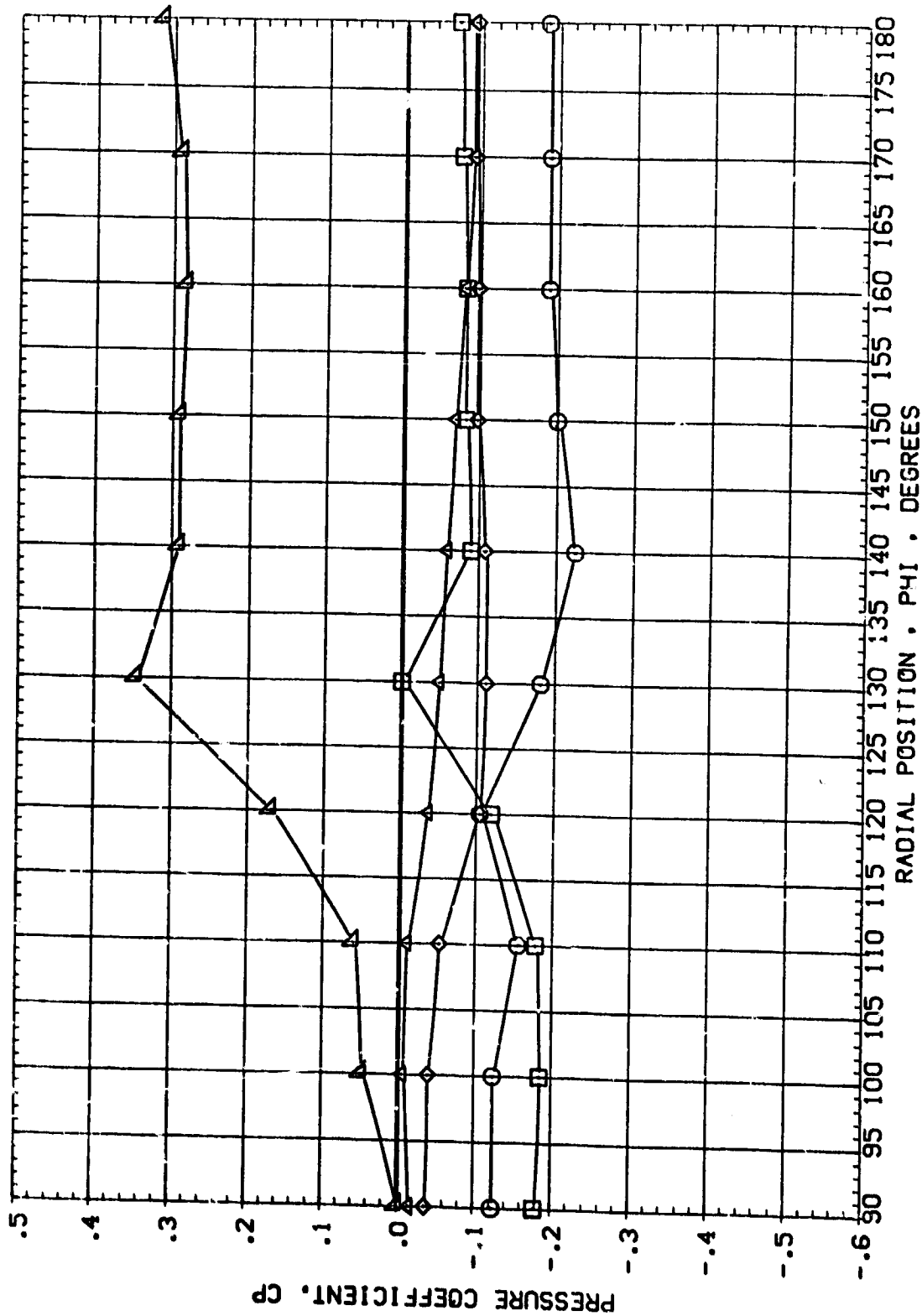
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	-2.072	1.751	AILRON	.000
◇	.405			RN/L	.000
△	.546			ELEVTR	.000
▽	.688			RUDDER	.000
▽	.829				3.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

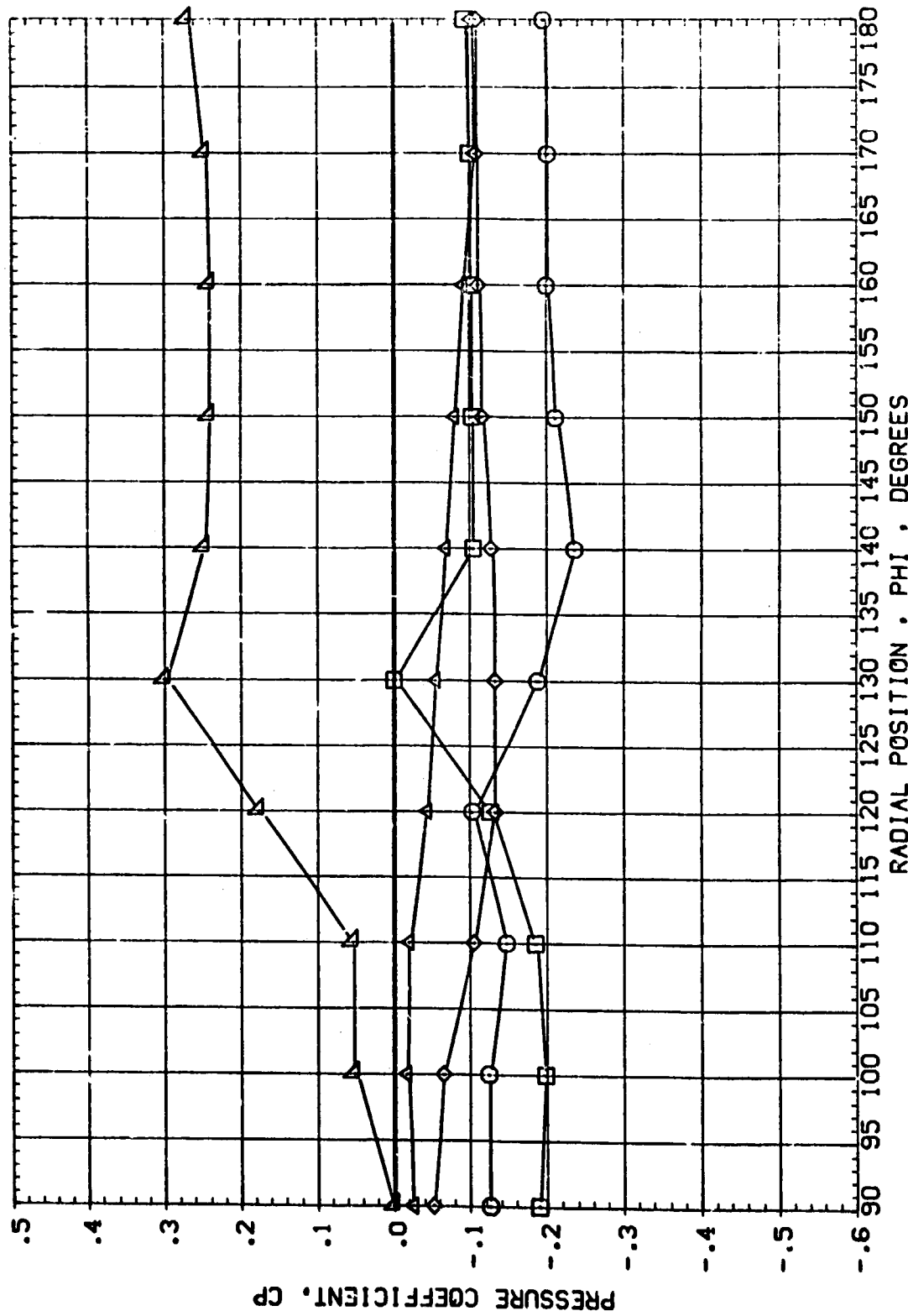
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	.034	1.750	.000	ELEVTR
□	.405			.000	RUDDER
◇	.516			3.000	
△	.618				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
□	.264	2.118	1.748	AILRON	.000	RUDER	.000
◇	.405			RN/L	3.000		
△	.546						
▽	.688						
△	.829						

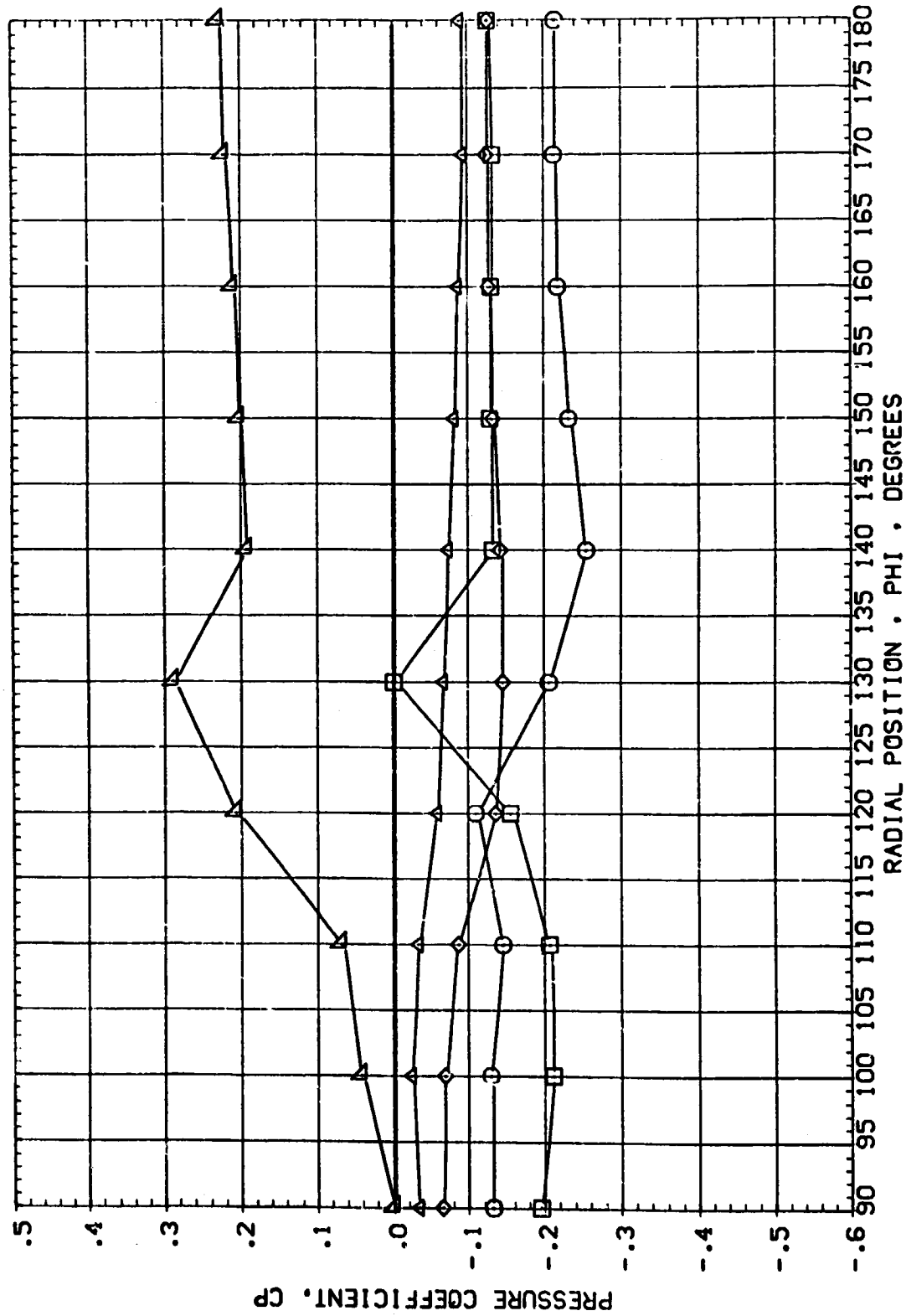


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

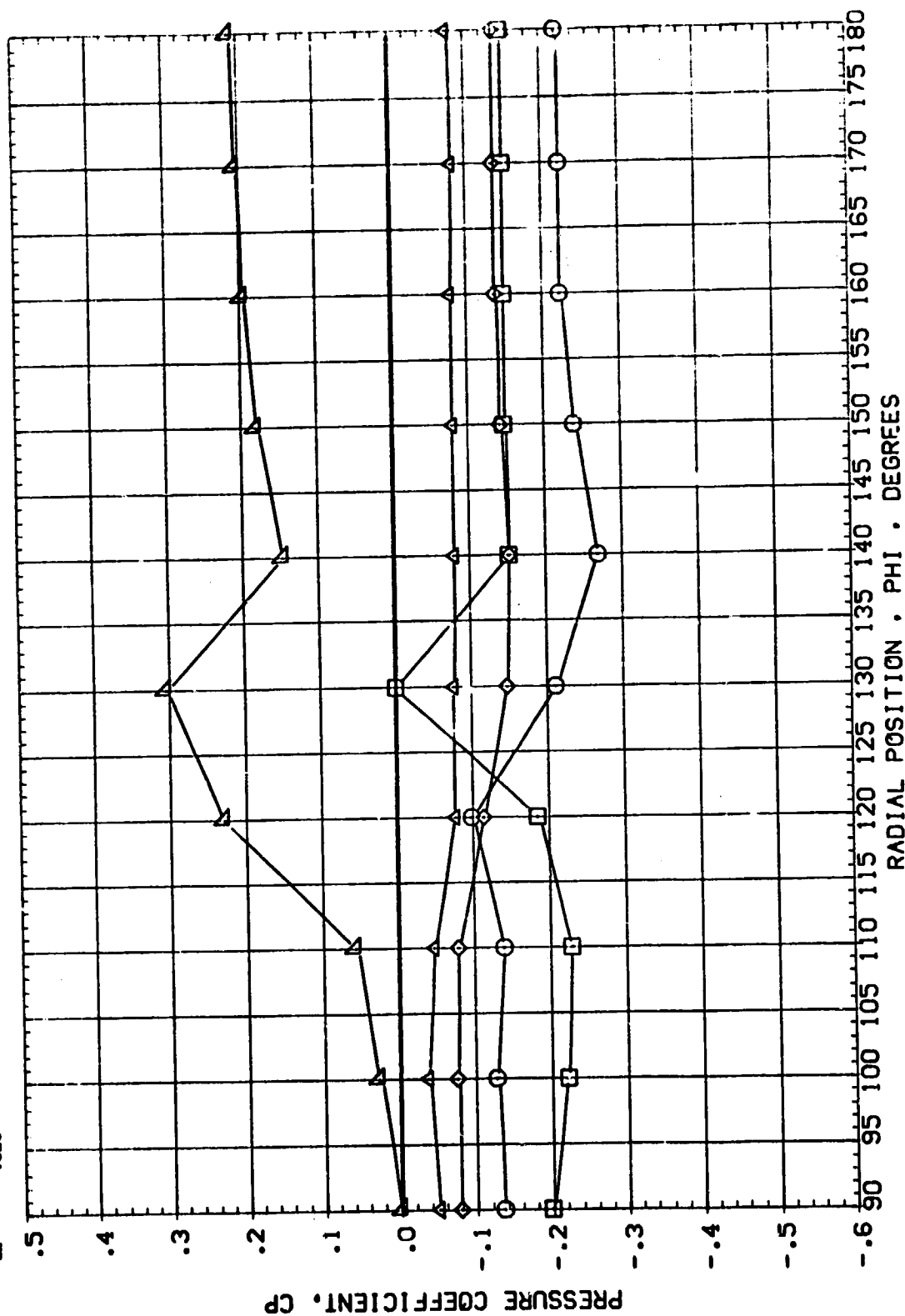
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
○	.264	4.002	1.749	AILRON	.000	RUDCR	.000
□	.405			RN/L	3.000		
◇	.546						
△	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

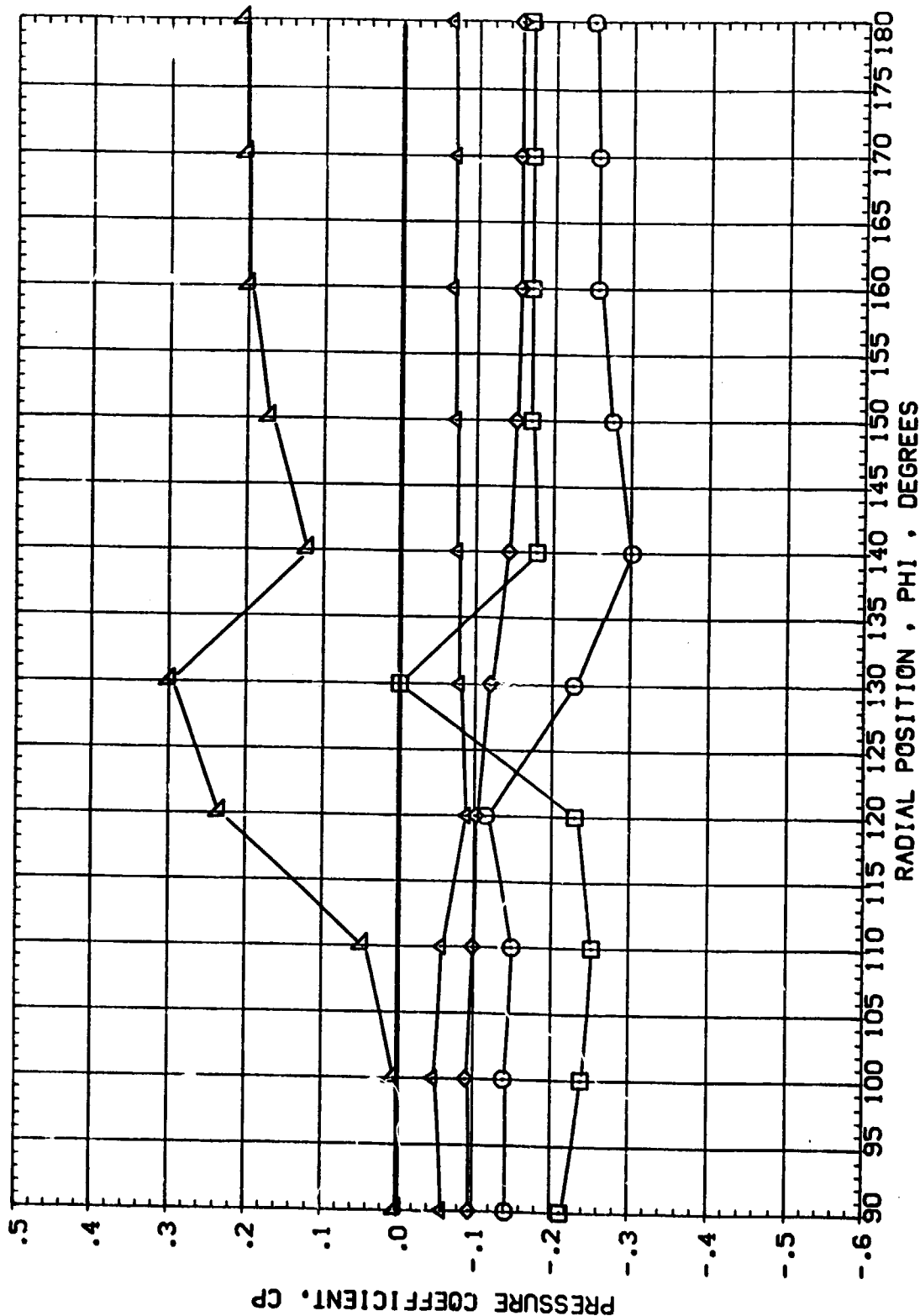
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	6.322	1.751	AILRON	.000
◇	.405			RN/L	.000
△	.546				3.000
▽	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 00-630 PRESSURE VENTING - INTEG. VEHICLE (REB002)

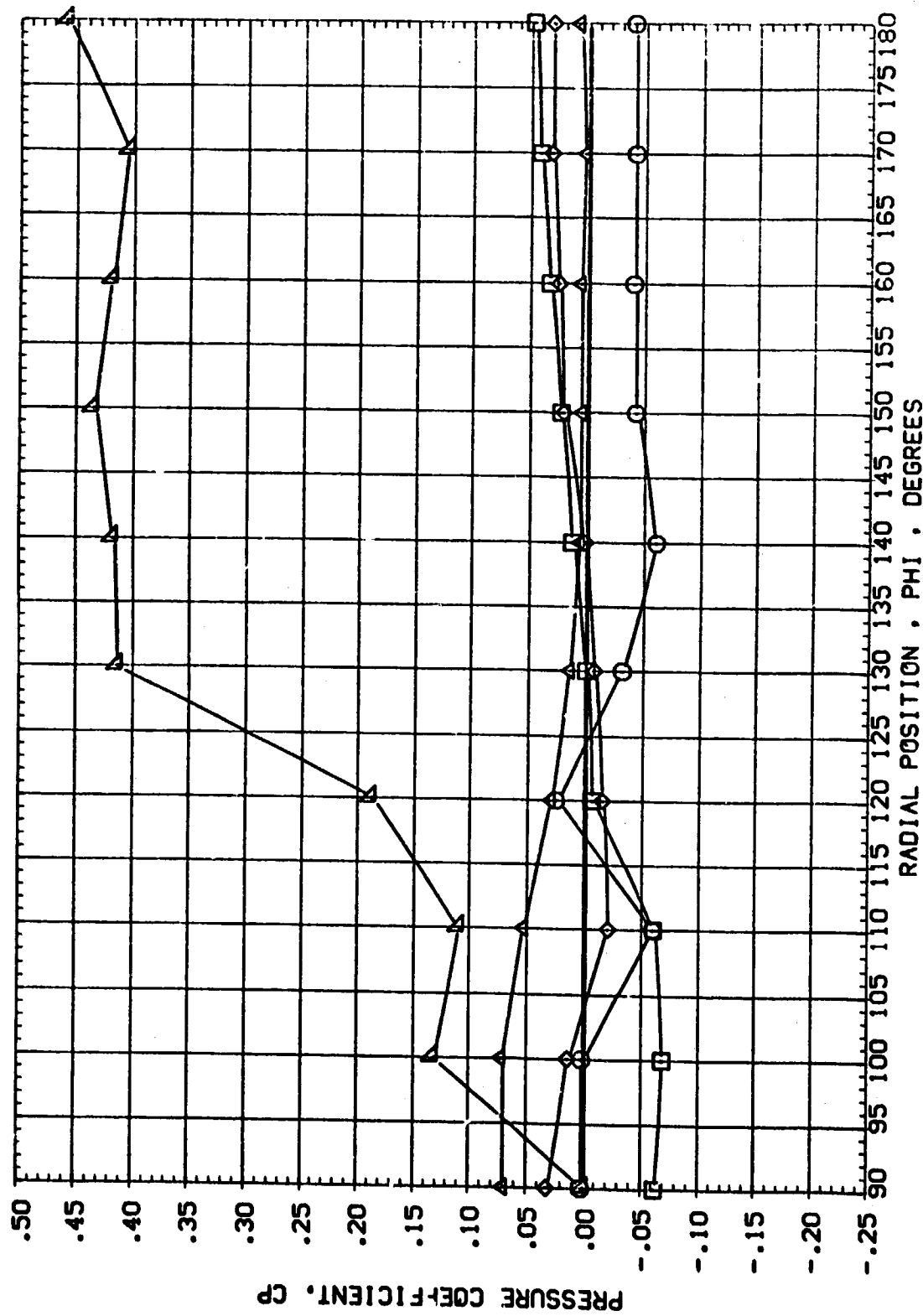
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	8.5	1.748	AILRON	.000
◇	.405			RVL	.000
△	.546				3.000
▽	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	-7.860	2.003	.000	.000
□	.405			.000	.000
◇	.546			2.650	
△	.688				
▽	.829				

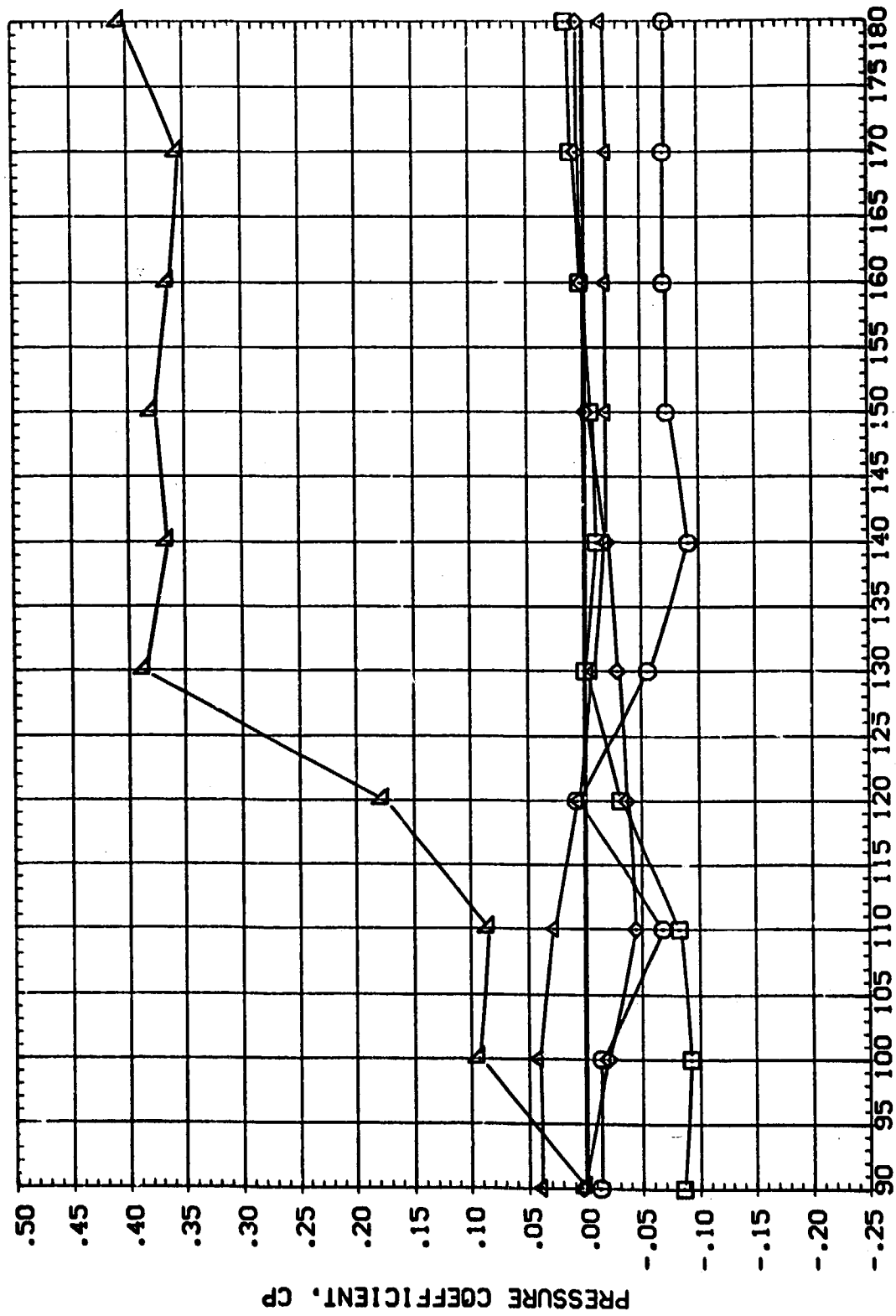


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-623 PRESSURE VENTING - INTEG. VEHICLE (REB001)

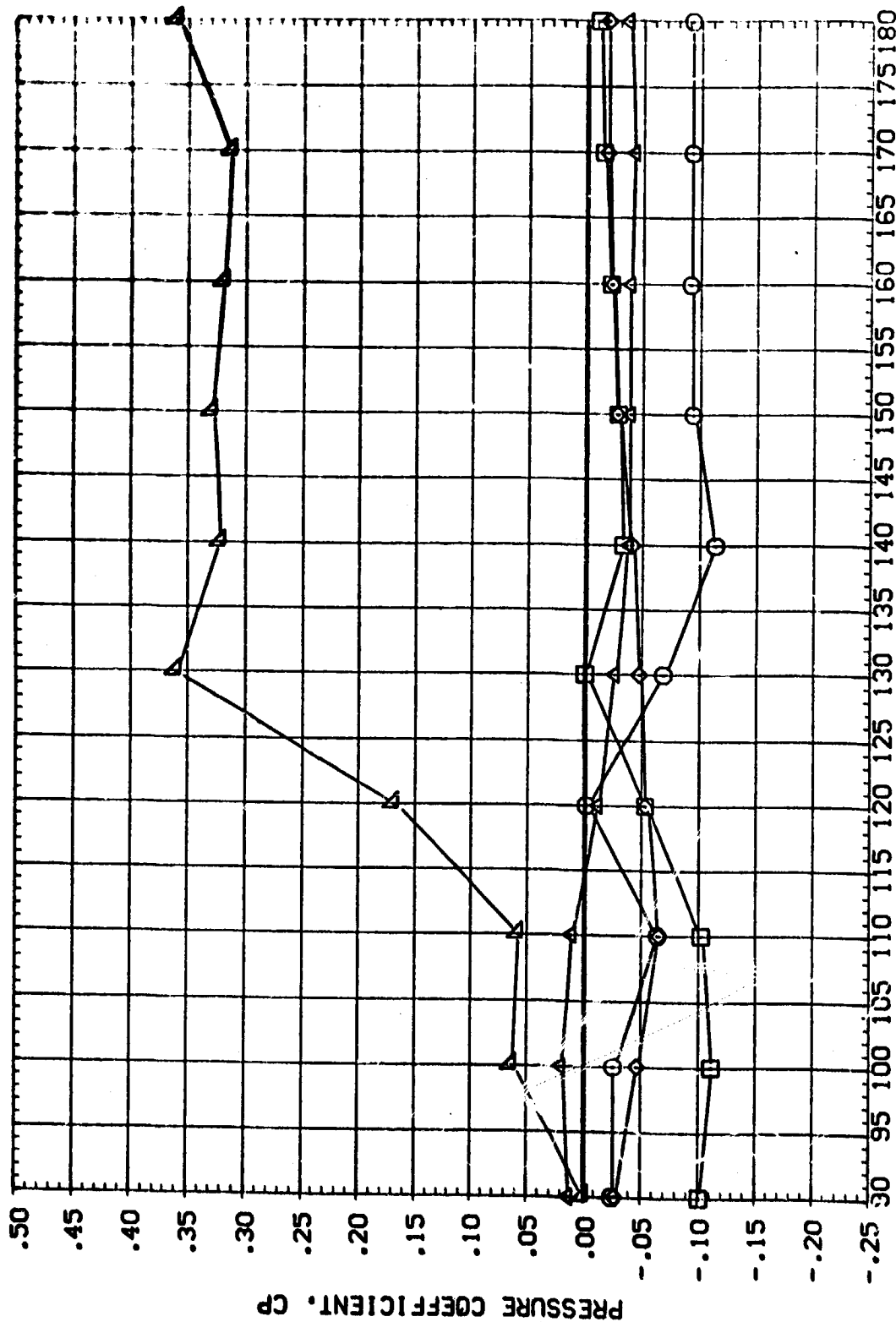
S ² SC	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	.000
0	.264	-5.801	2.001	AILRON	.000	RUDER	.000
1	.405			RN/L	2.650		
2	.546						
3	.688						
4	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE
RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	-3.694	2.006	.000	.000
◇	.405			.000	.000
△	.546			.000	.000
▽	.688			2.000	
	.829				



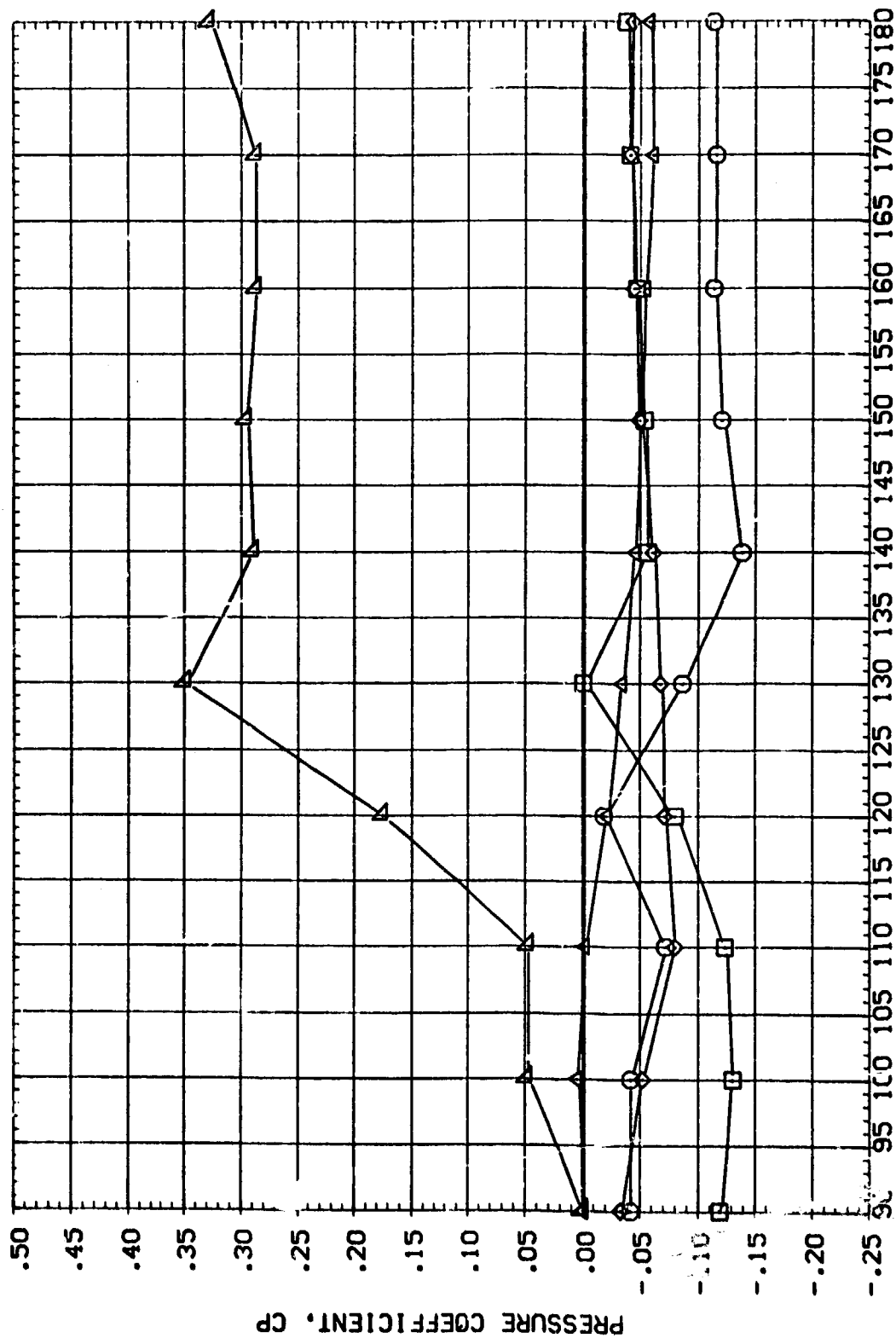
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 66-530 PRESSURE VENTING - INTEG. VEHICLE (REB001)

SYMBOL X/L ALPHA MACH
□ .264 -1.53 2.031
◇ .405
◇ .546
◇ .688
△ .829

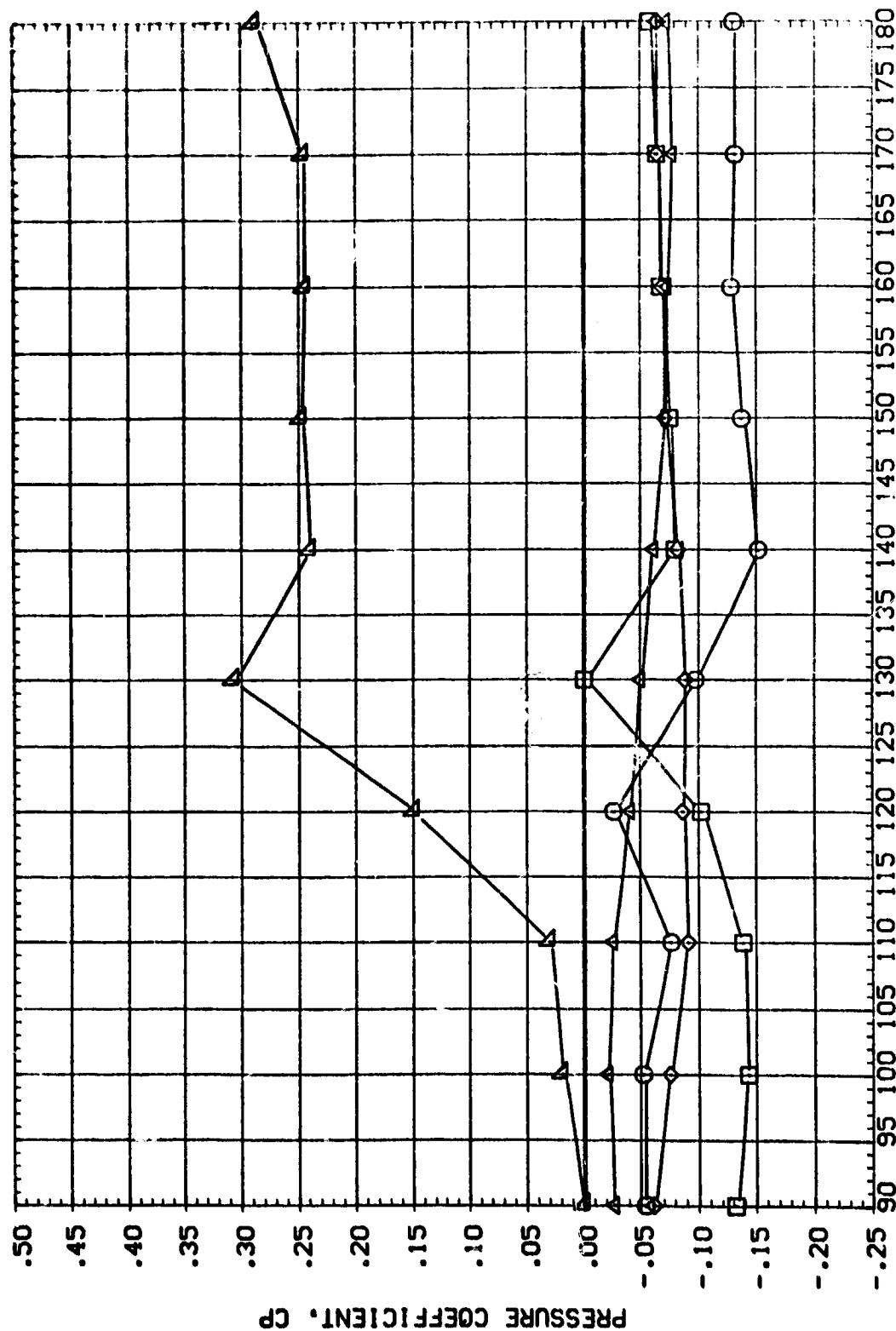
PARAMETRIC VALUES
BETA .000 ELEVTR .000
ATLRON .000 RUDDER .000
RV/L 2.650



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (RE8001)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	.509	2.000	.000	.000
□	.405			.000	.000
◇	.546			.000	.000
△	.698			2.650	
▽	.829				

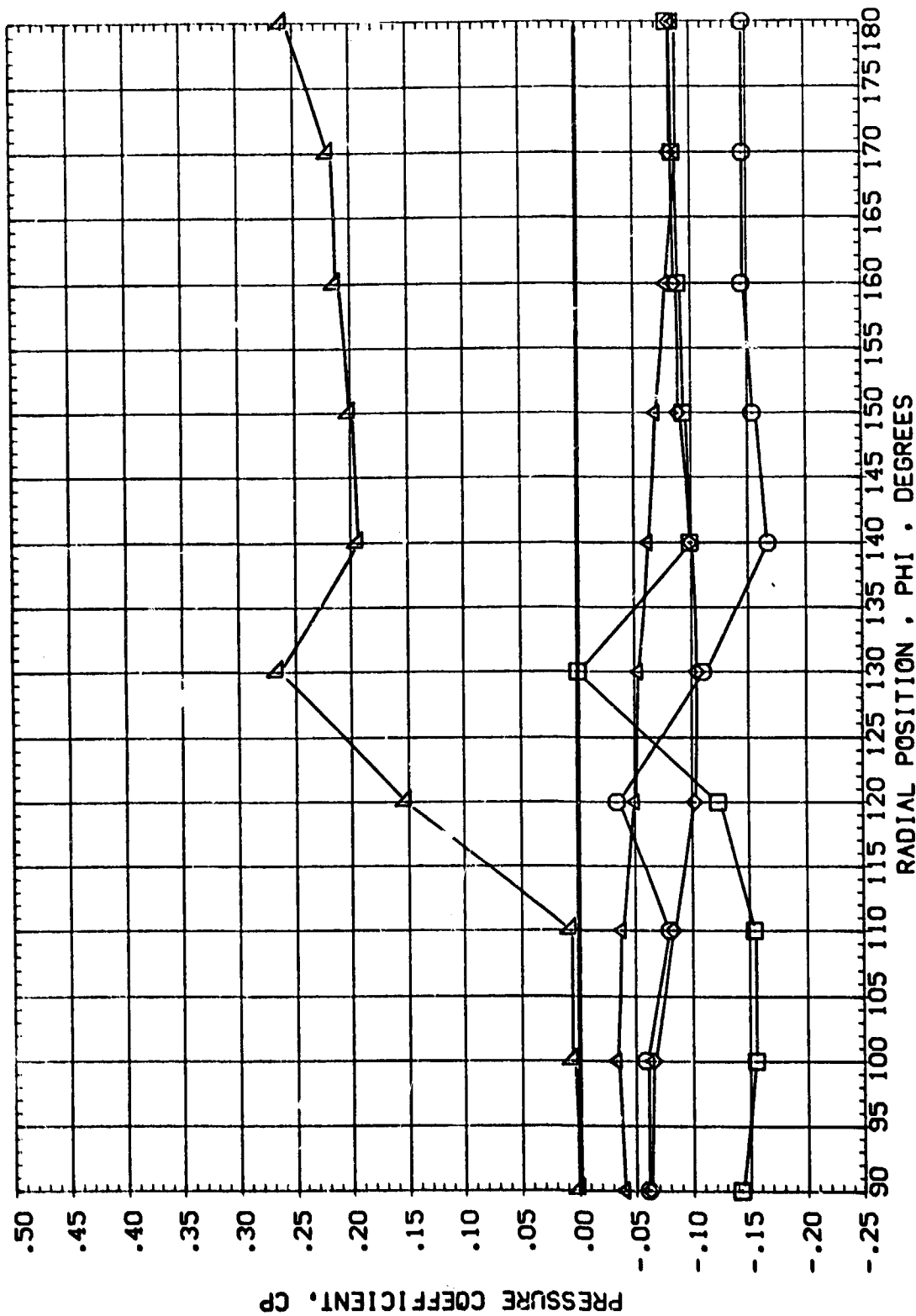


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE



AMES 65-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

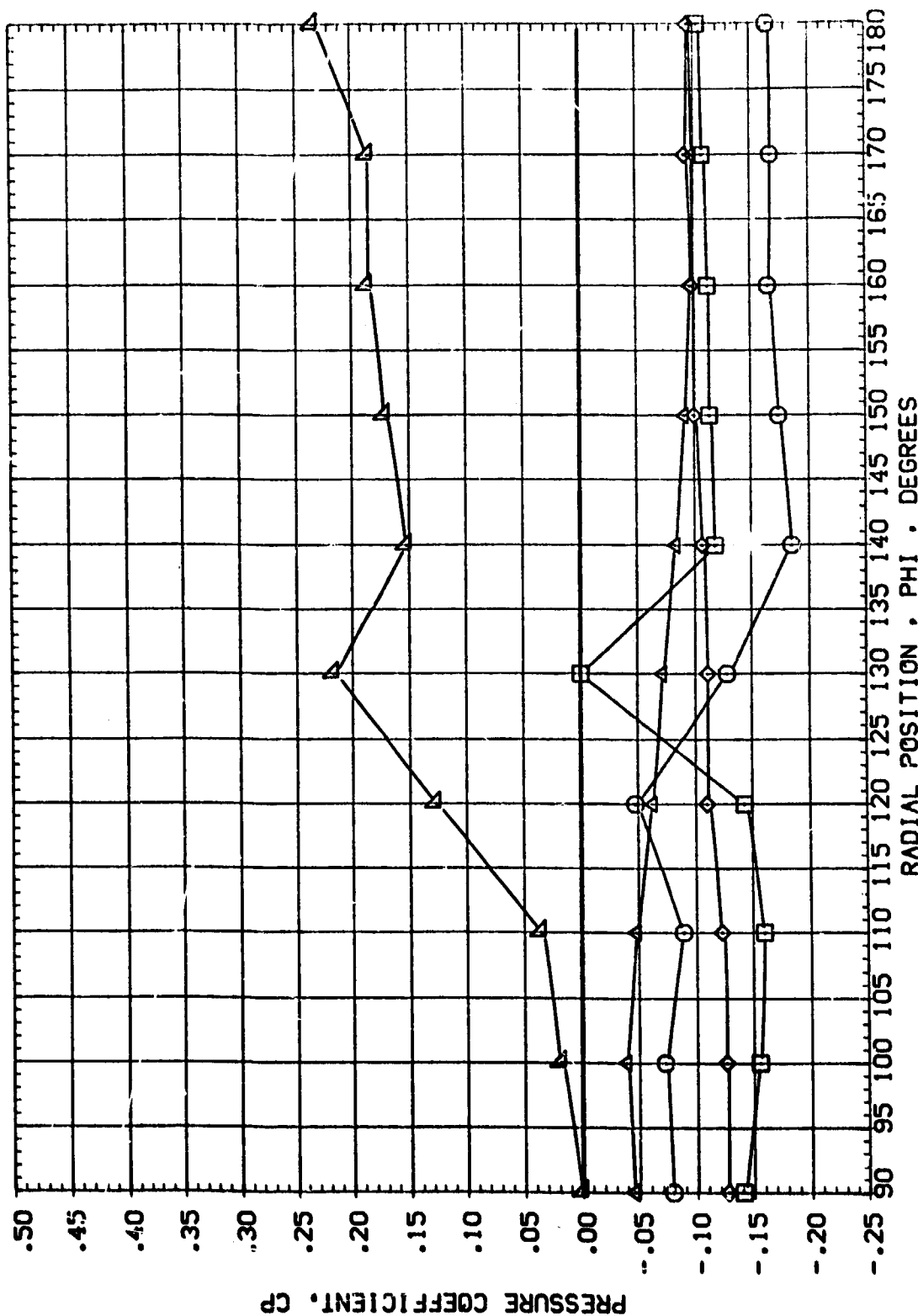
SYMBOL	X/L					ALPHA	MACH	PARAMETRIC VALUES			
	.264	.405	.546	.688	.829	2.584	2.001	BETA	.000	ELEVTR	.000
□								AILRON	.000	RUDDER	.000
△								RN/L	2.650		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

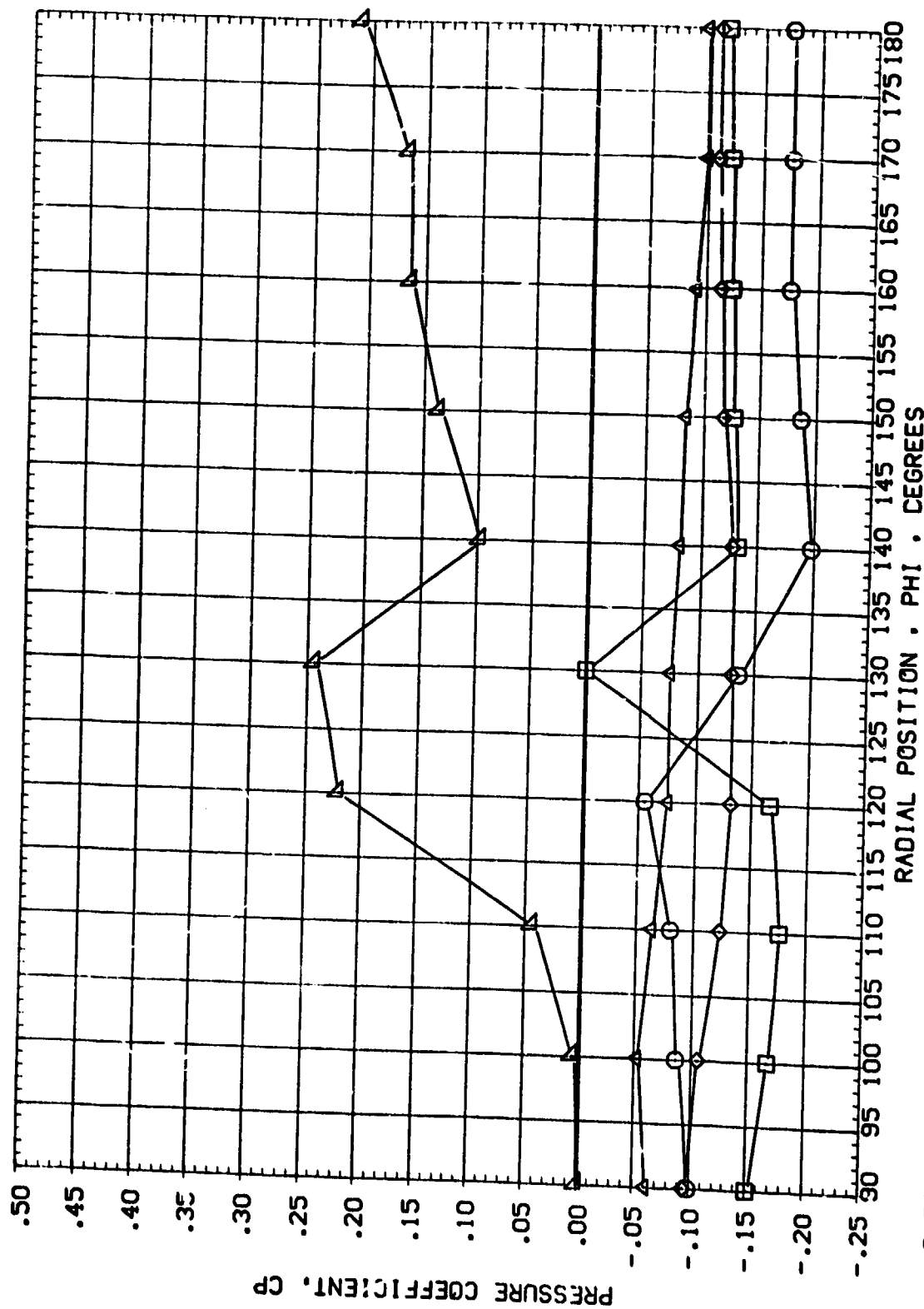
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	4.700	1.998	BETA	.000	ELEVTR
	.405			AILRON	.000	RUDDER
	.546			RN/L	2.650	
	.698					
	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

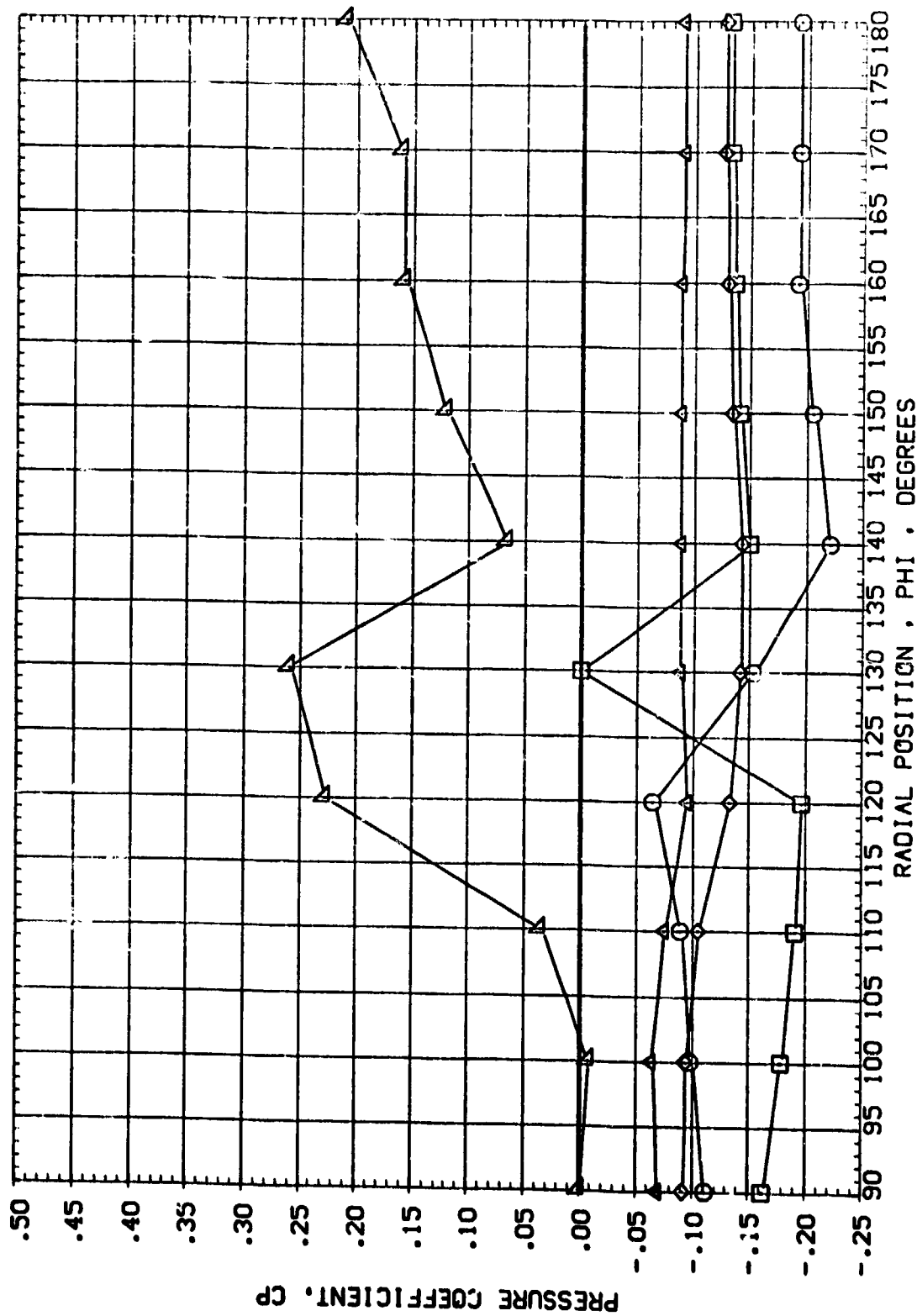
SPRCD	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	6.798	2.000	AILRON	.000 ELEVTR
◇	.405			RV/L	.000 RUDDER
△	.546				2.650
▽	.598				
△	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

AMES 66-630 PRESSURE VENTING - INTEG. VEHICLE (REB001)

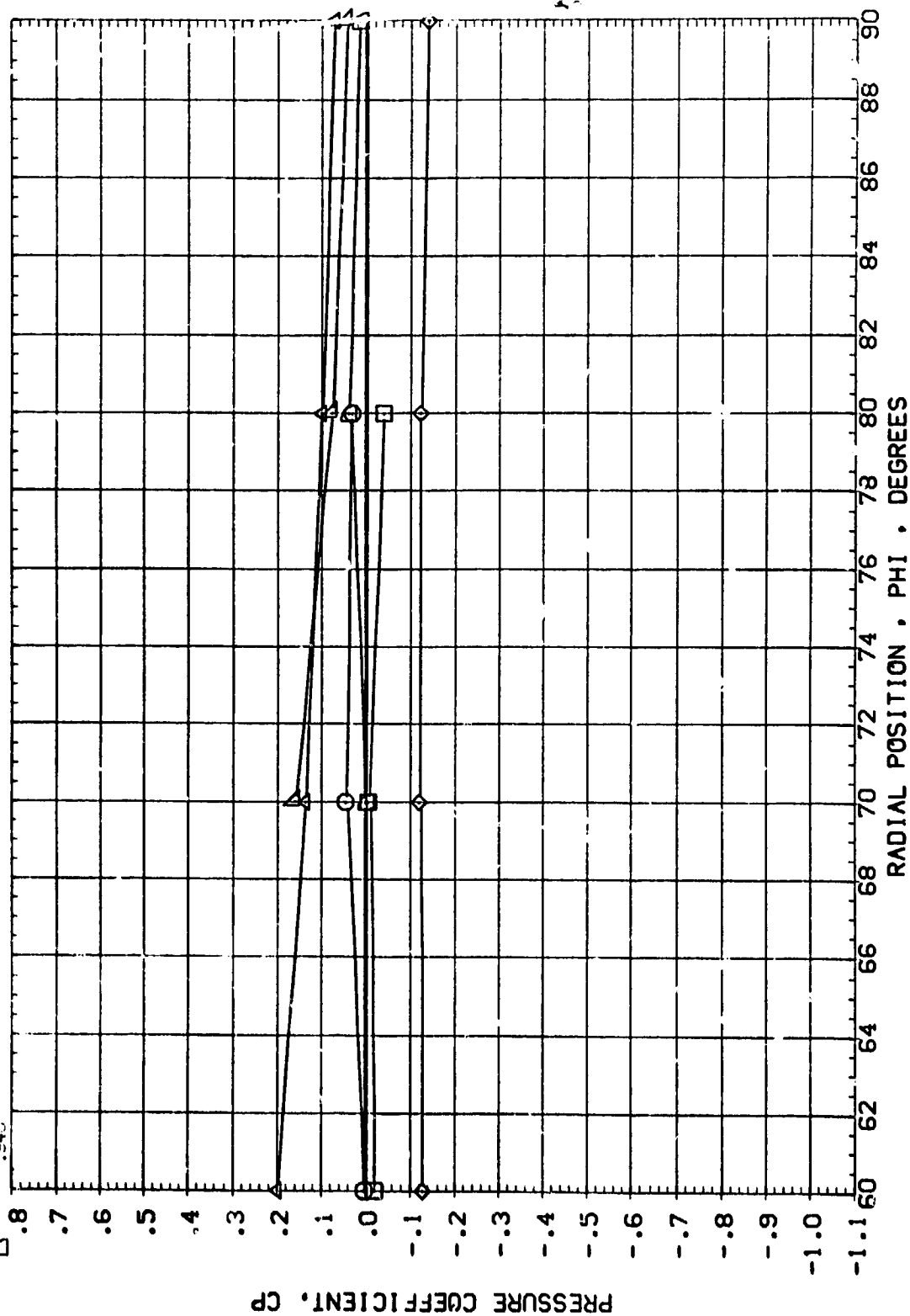
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	8.925	1.997	.000	ELEVTR .000
□	.405			.000	RLOOR .000
◇	.546			2.650	
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR INTEGRATED VEHICLE

MES 66 530 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

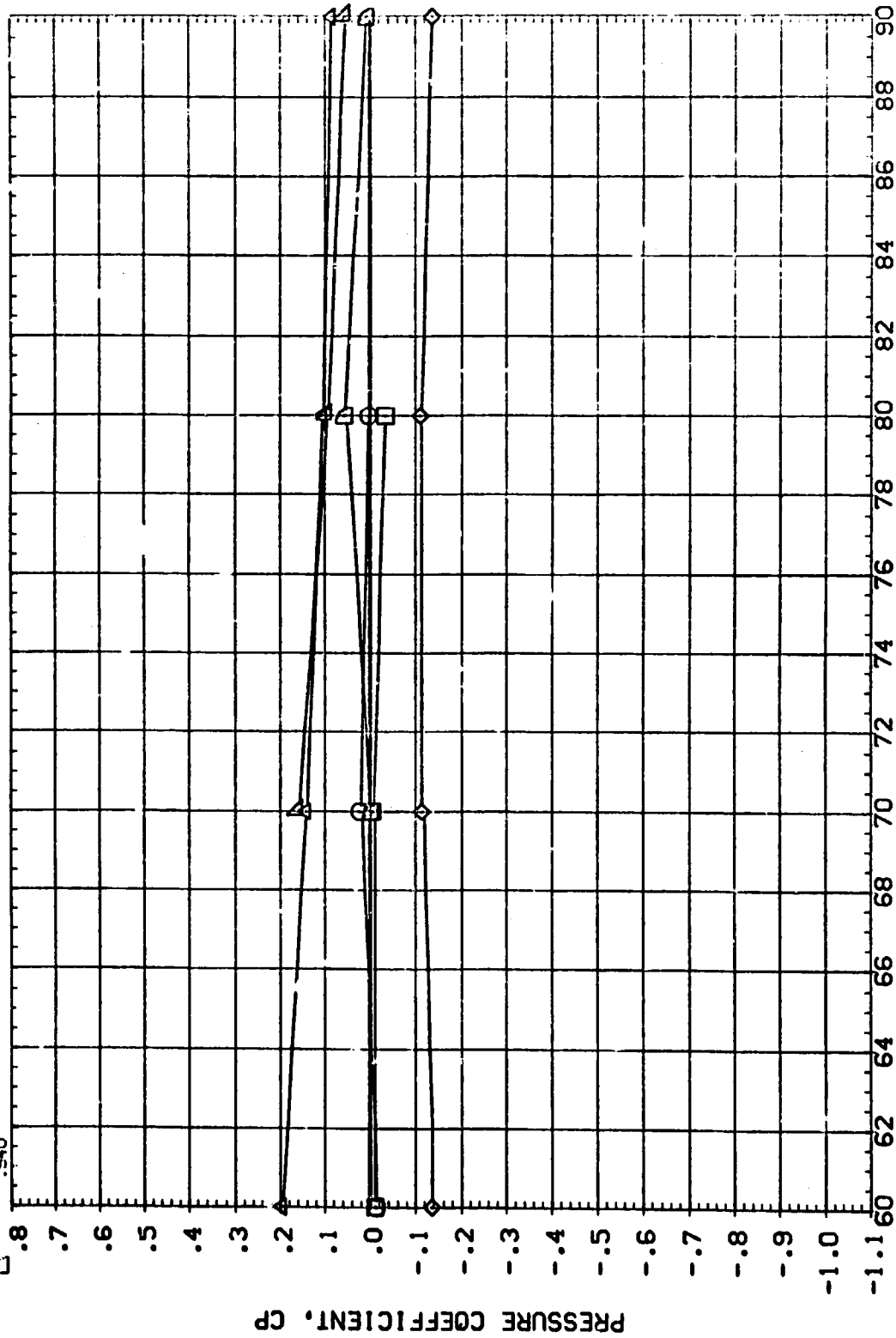
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.087	6.159	.602	AILRON	.000
□	.126			RN/L	.000
◇	.164				3.500
△	.862				-15.000
▽	.930				
◇	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	-15.000
□	.087	8.256	.600	ALLRON	RUDER	.000
◇	.126			RN/L		3.500
△	.164					
▽	.862					
◇	.900					
▽	.940					

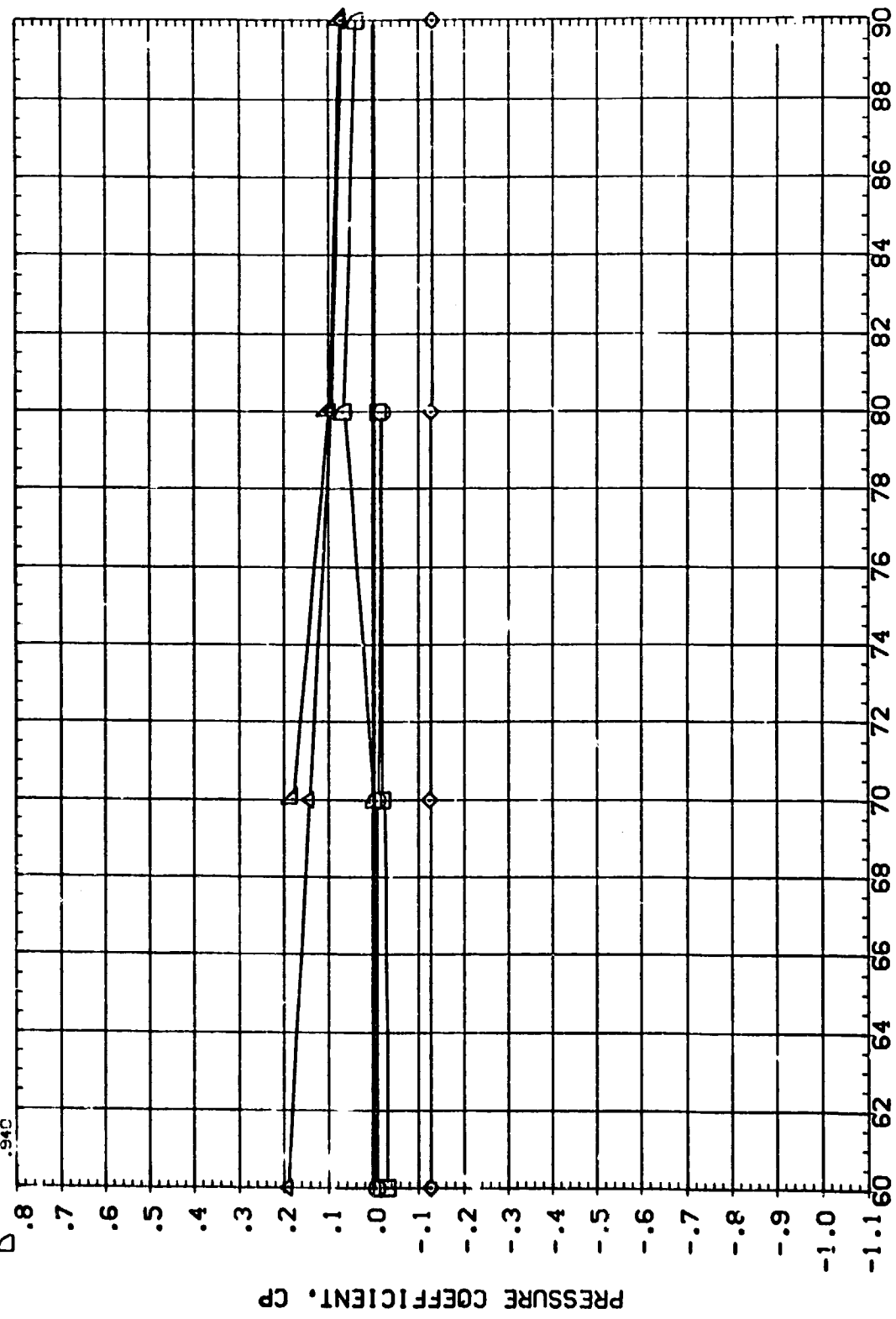


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 56-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYM	Y/L	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	-15.000
□	.087	10.340	.600	.000	.000	.000
◇	.126			.000	RUDER	
△	.164			3.500		
▽	.362					
○	.900					
●	.940					

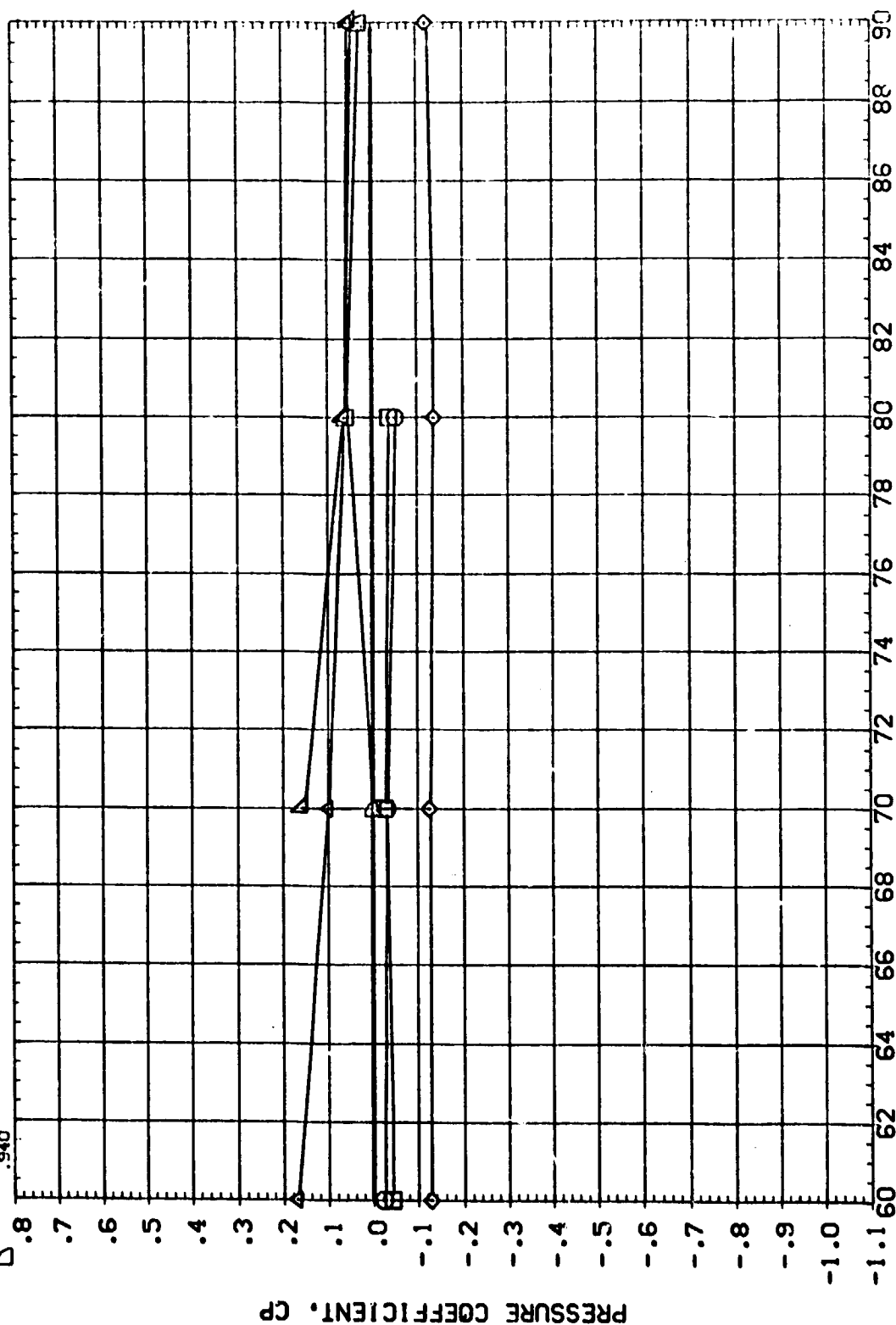


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RN/L 3.500
 ELEVTR -15.000
 RUDDER .000

SYMBOL X/L ALPHA MACH
 .087
 .126
 .164
 .062
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

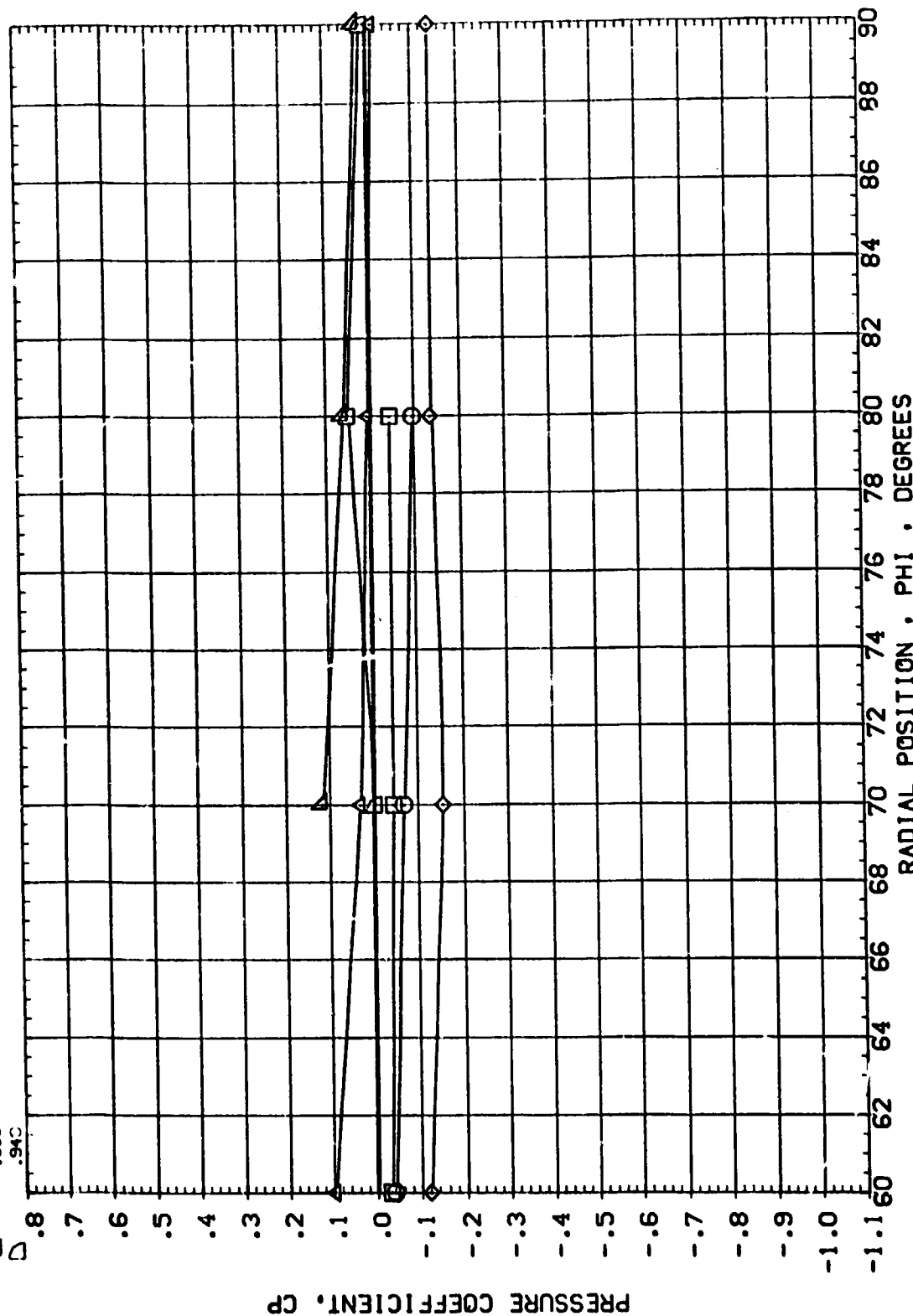
AYES 66-030 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES

BETA	ELEVTR	-15.000
AILRON	RUDER	.000
RN/L		3.500

SYNCH XL ALPHA MACH

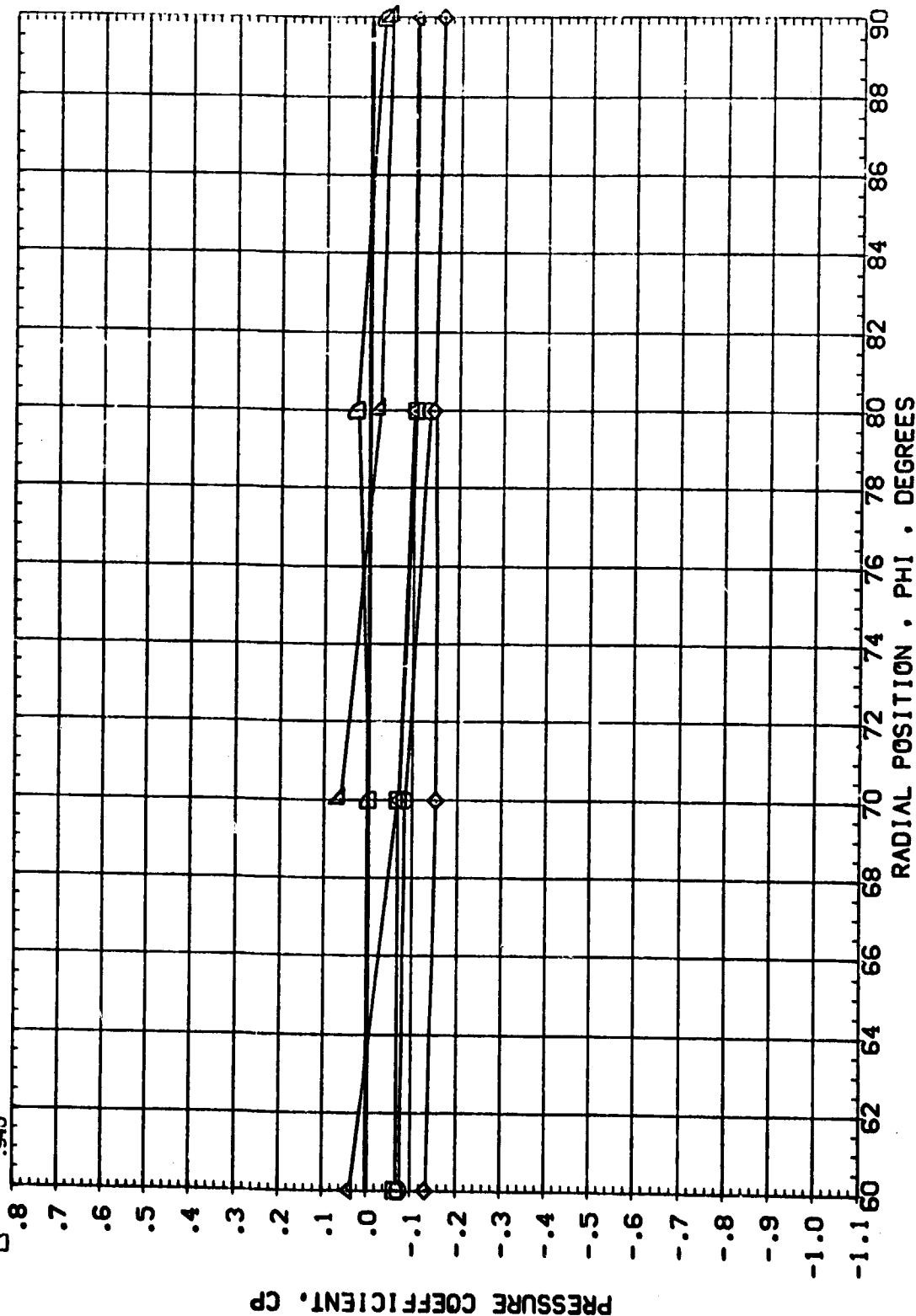
.087	14.4	.602
.125		
.164		
.864		
.900		
.940		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	ELEVTR	RUDDER	PARAMETRIC VALUES
□	.087	16.520	.601	.000	.000	3.500	.000	.000	-15.000
△	.126			.000	.000				
▽	.164								
◇	.862								
○	.900								
△	.940								

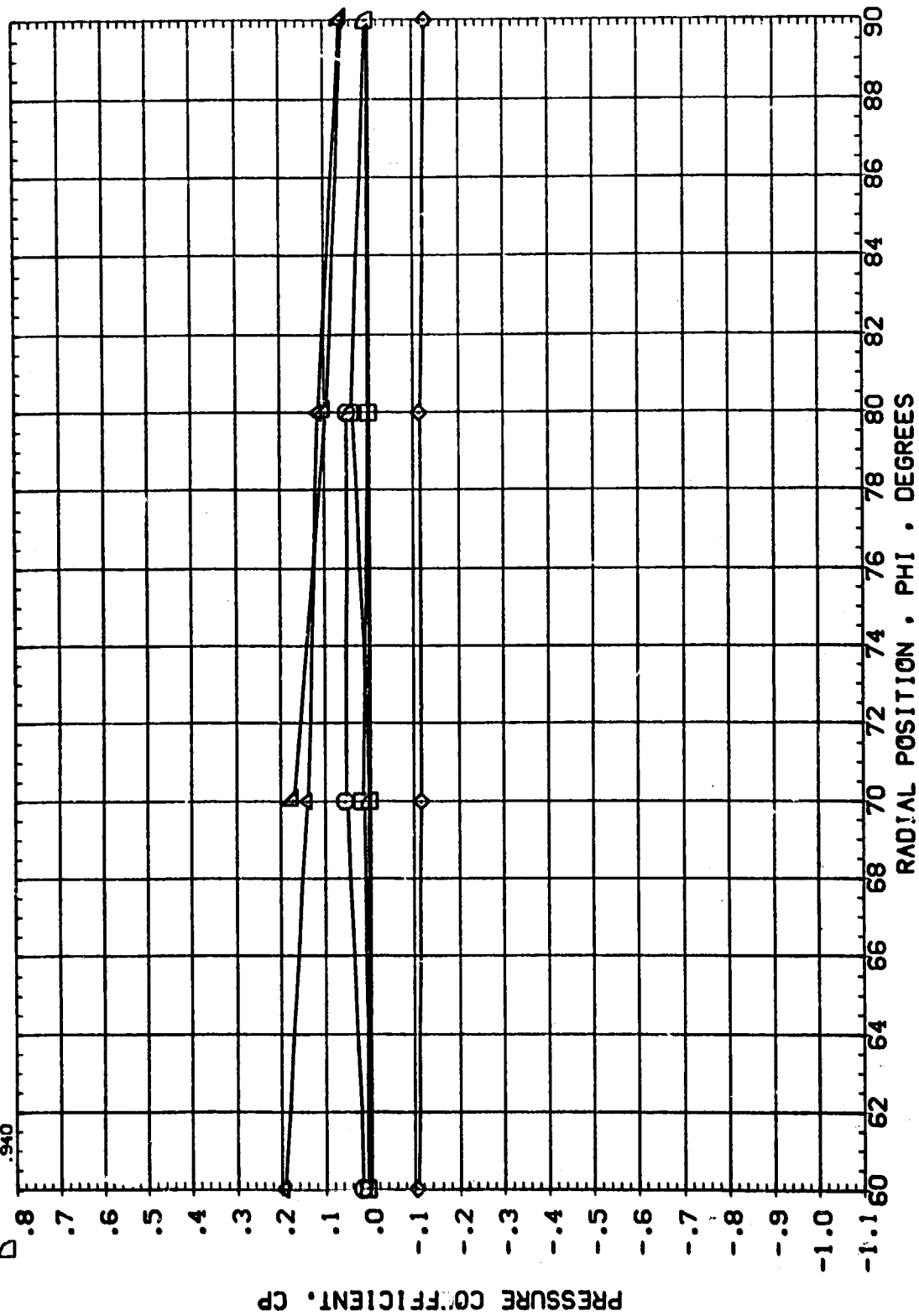


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	ELEVTR	RUDDER	PARAMETRIC VALUES
□	.087	6.300	.752	.000	.000	.000	-15.000
◇	.126			.000	.000	.000	
▽	.164						
△	.862						
▽	.900						
△	.940						

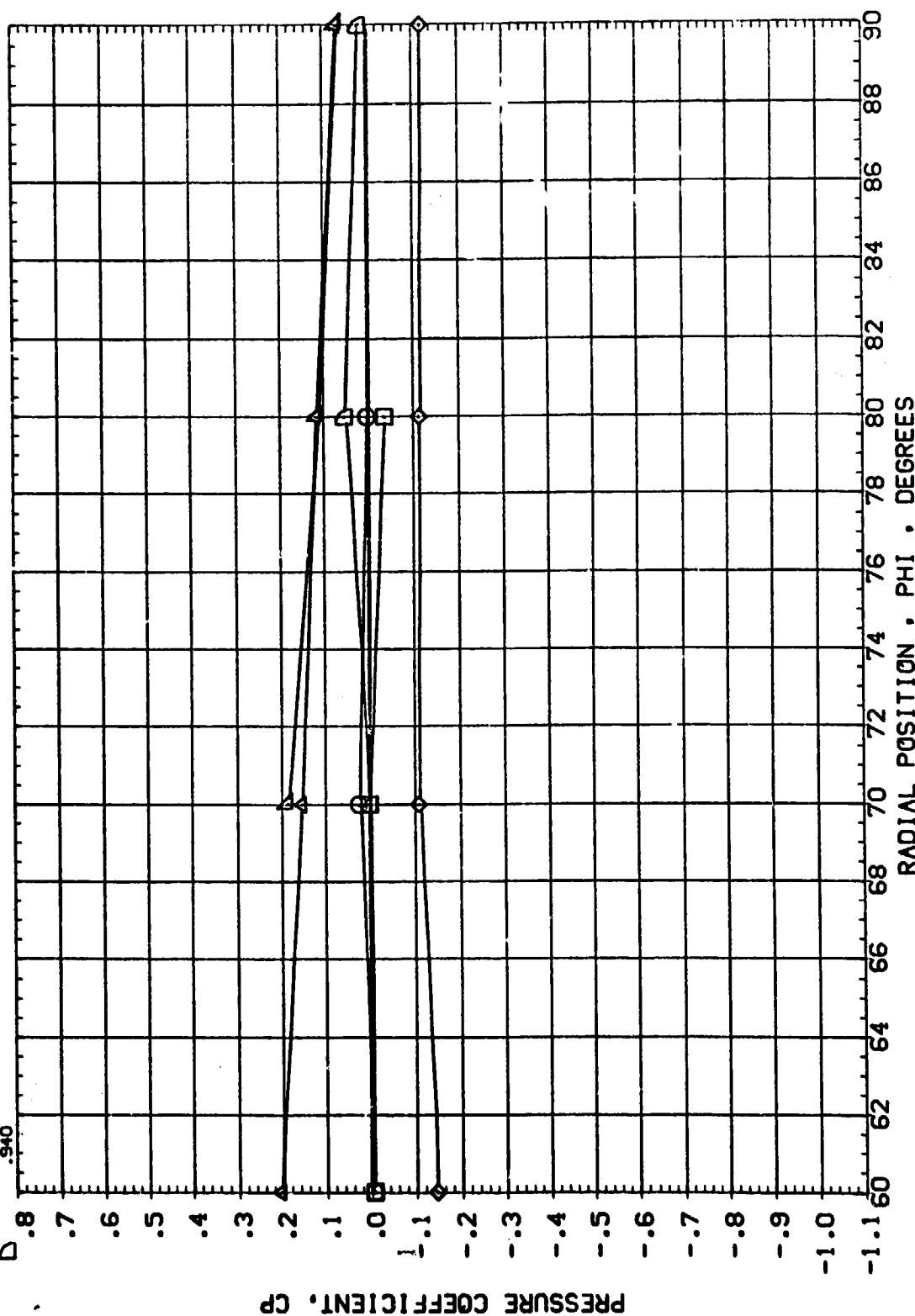


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

PARAMETER C VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RN/L 3.500

SYMBOL X/L ALPHA MACH
 □ .087 8.411 .746
 △ .126
 ◇ .164
 ▽ .862
 ▽ .900
 ▽ .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES

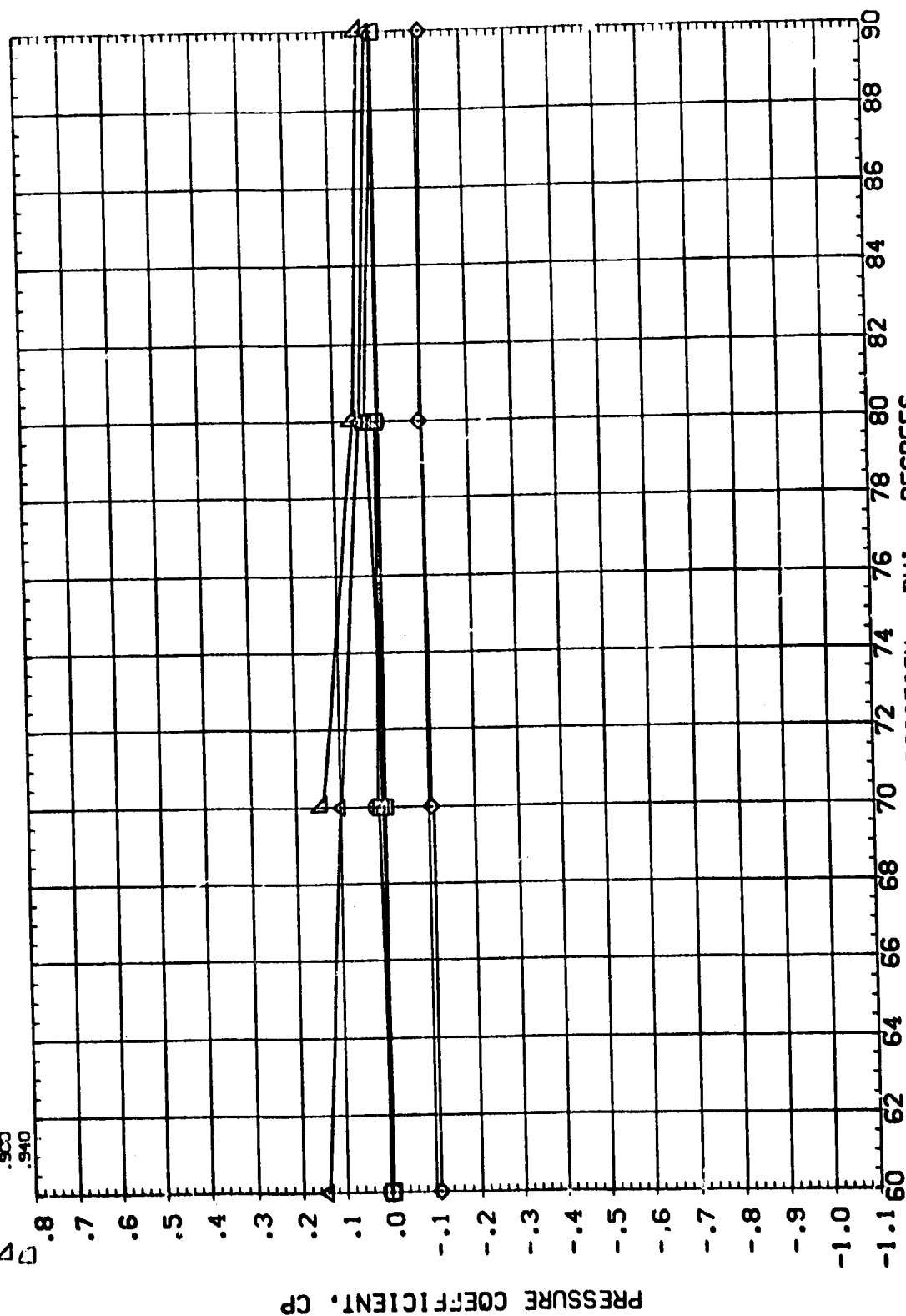
BETA	ELEVTR	-15.000
AIRLON	RUDDER	.000
RN/L		3.500

ALPHA MACH

10.190	.749
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SYMBOL X/L

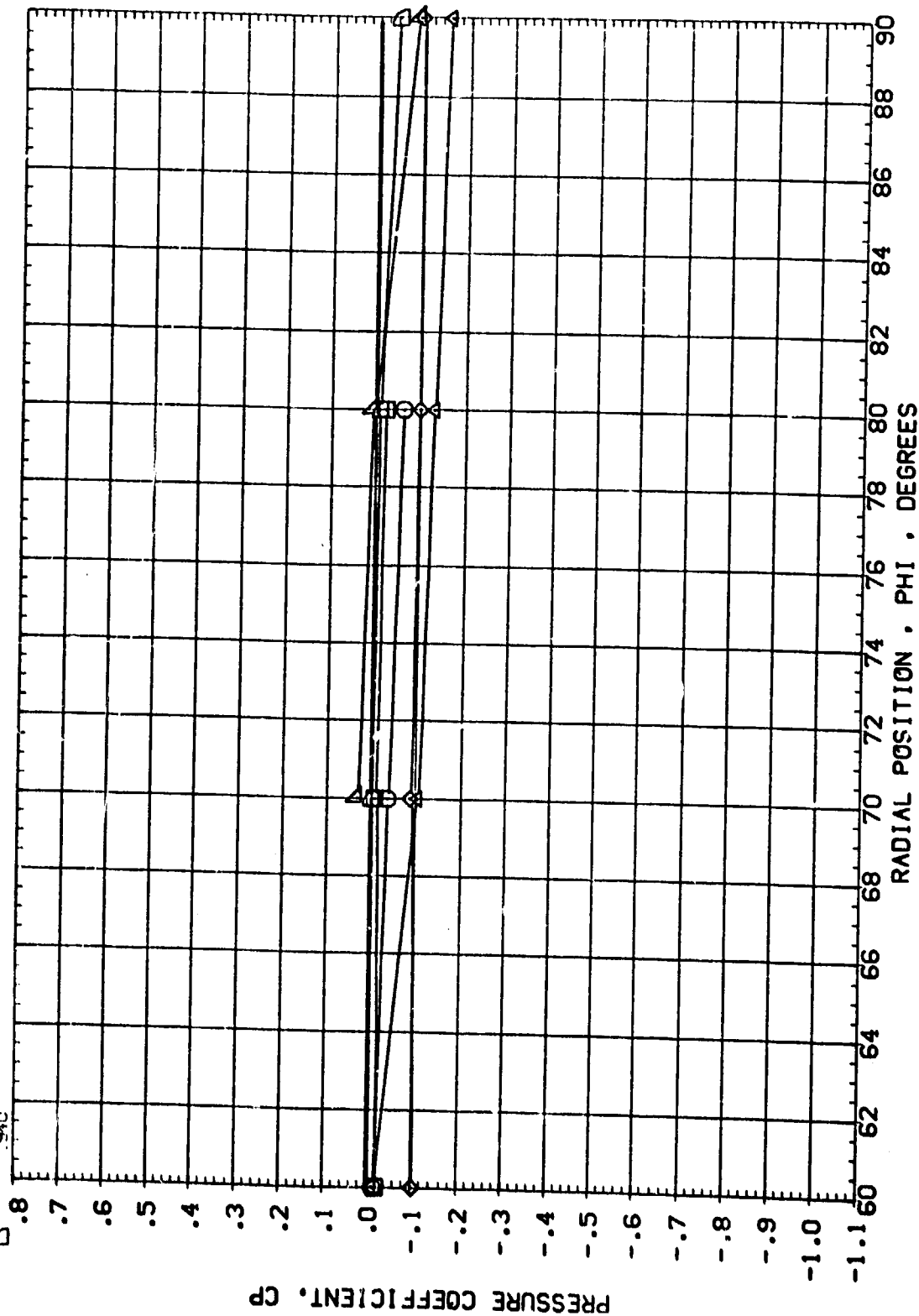
0.087	
.126	
.164	
.862	
.903	
.940	



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	-15.000
□	.126	14.690	.752	AILRON	.000	RUDER	.000
◇	.164			RN/L	3.500		
△	.962						
▽	.920						
○	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES

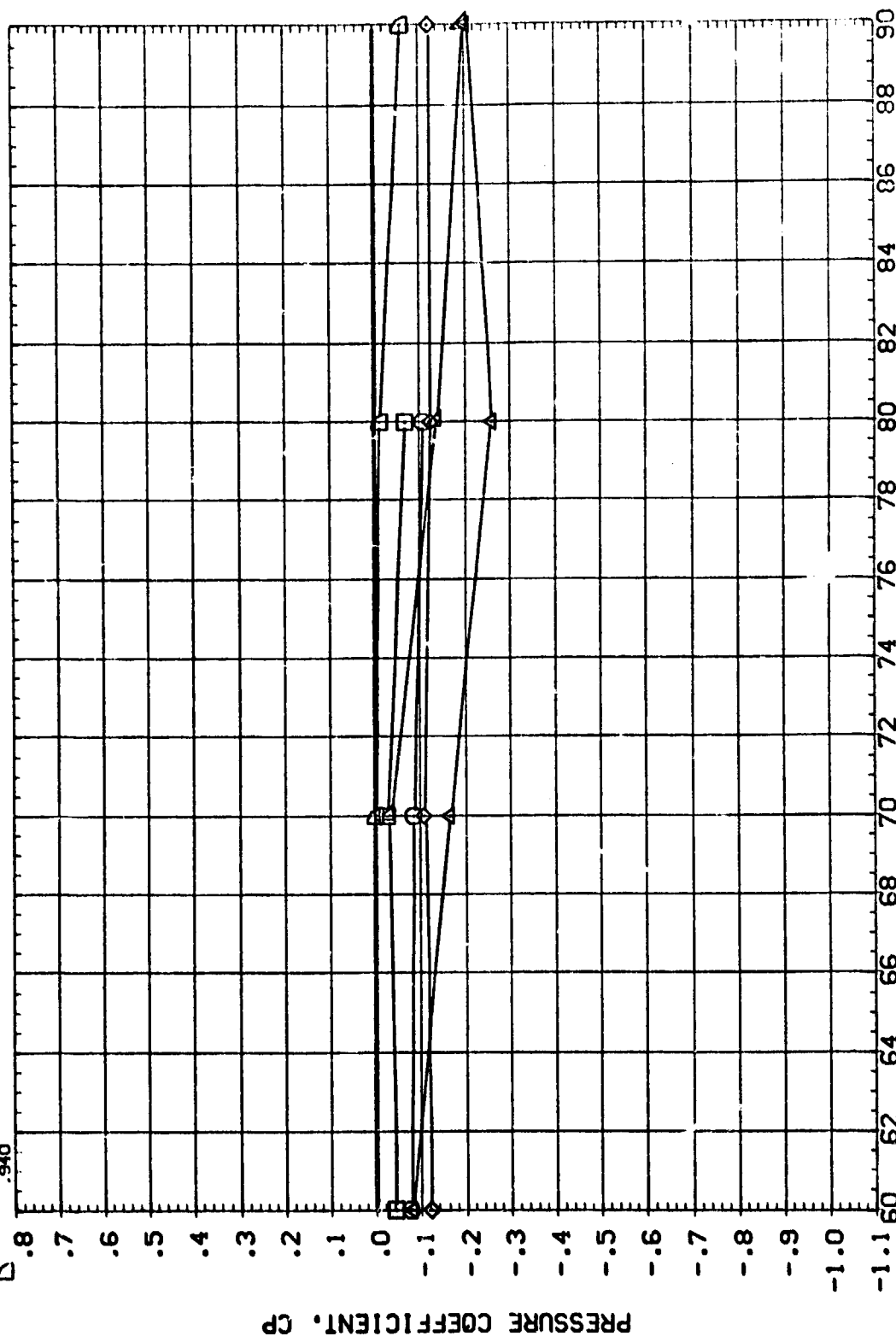
BETA	ELEVTR	-15.000
AILRON	RUDDER	.000
RN/L		3.500

ALPHA MACH

ALPHA	MACH
16.740	.750

X/L

X/L
.087
.126
.164
.862
.900
.940



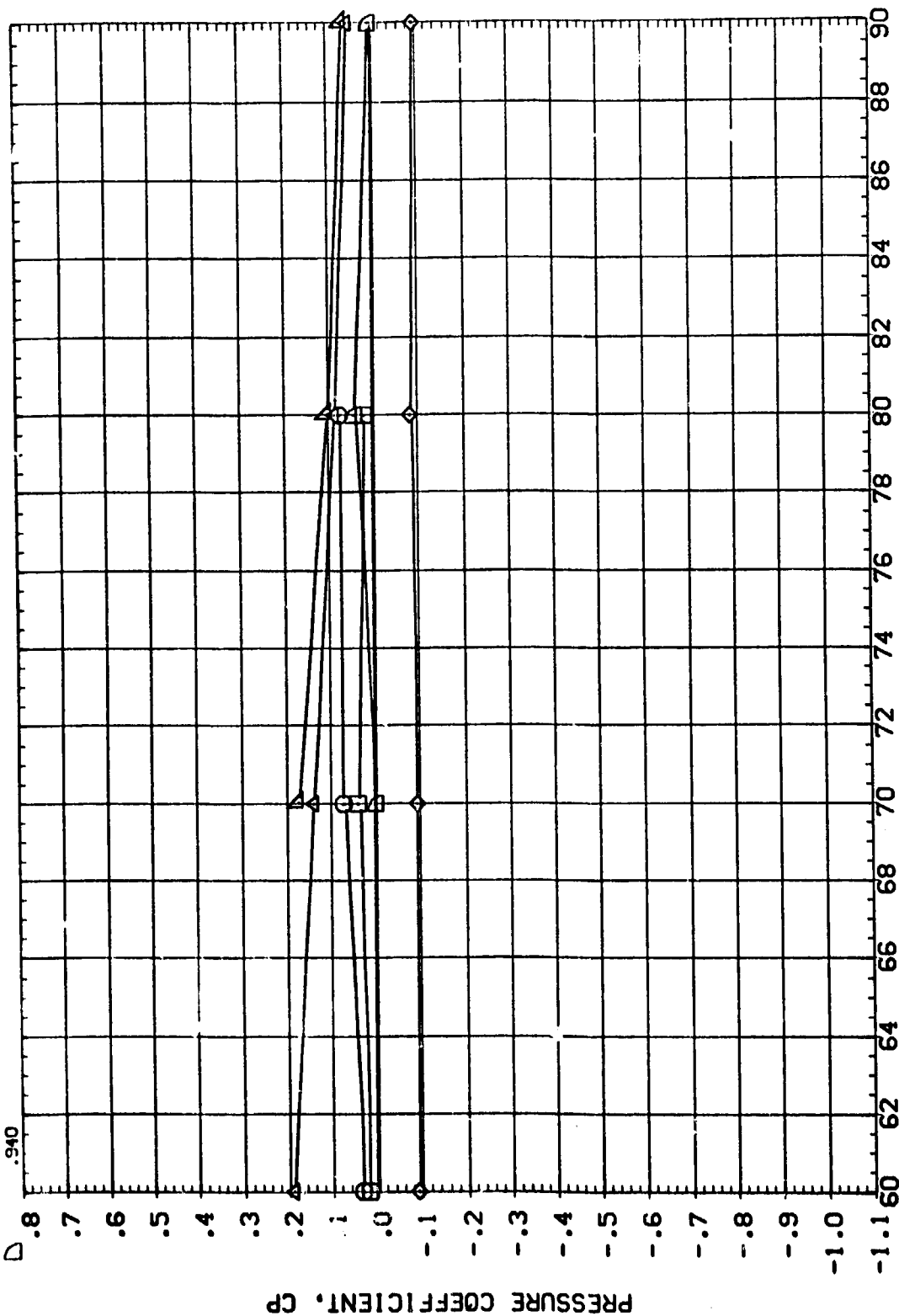
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 60-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RV/L 3.500
 ELEVTR -15.000
 RUDDER .000

ALPHA MACH
 6.435 .849

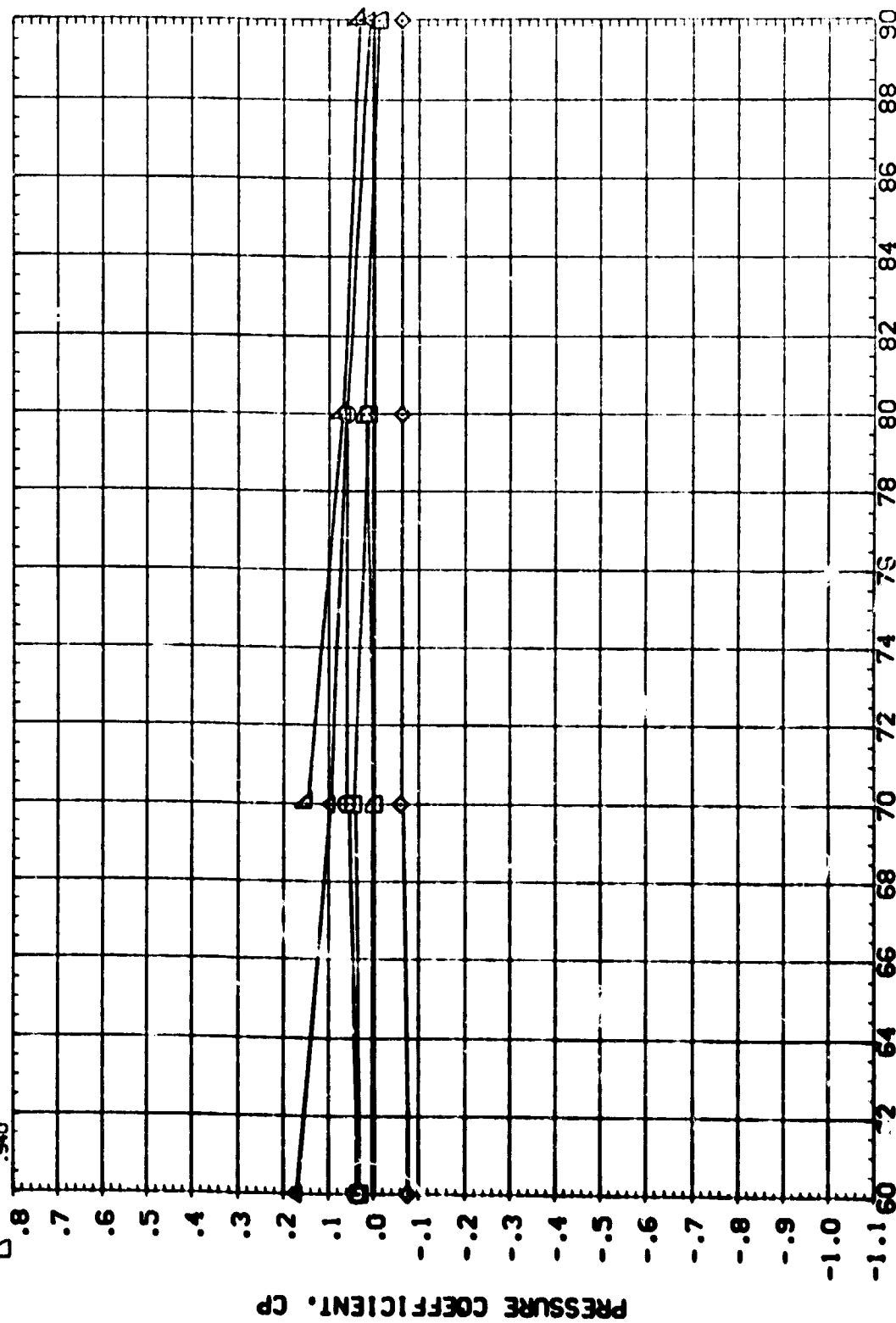
SYMBOL X/L
 .007
 .126
 .154
 .632
 .900
 .940



RADIAL POSITION, PHI, DEGREES
 RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDER	
○	.087	8.548	.852	.000	.000	.000	
□	.126			.000			
◇	.164						
△	.862						
▽	.900						
△	.940						

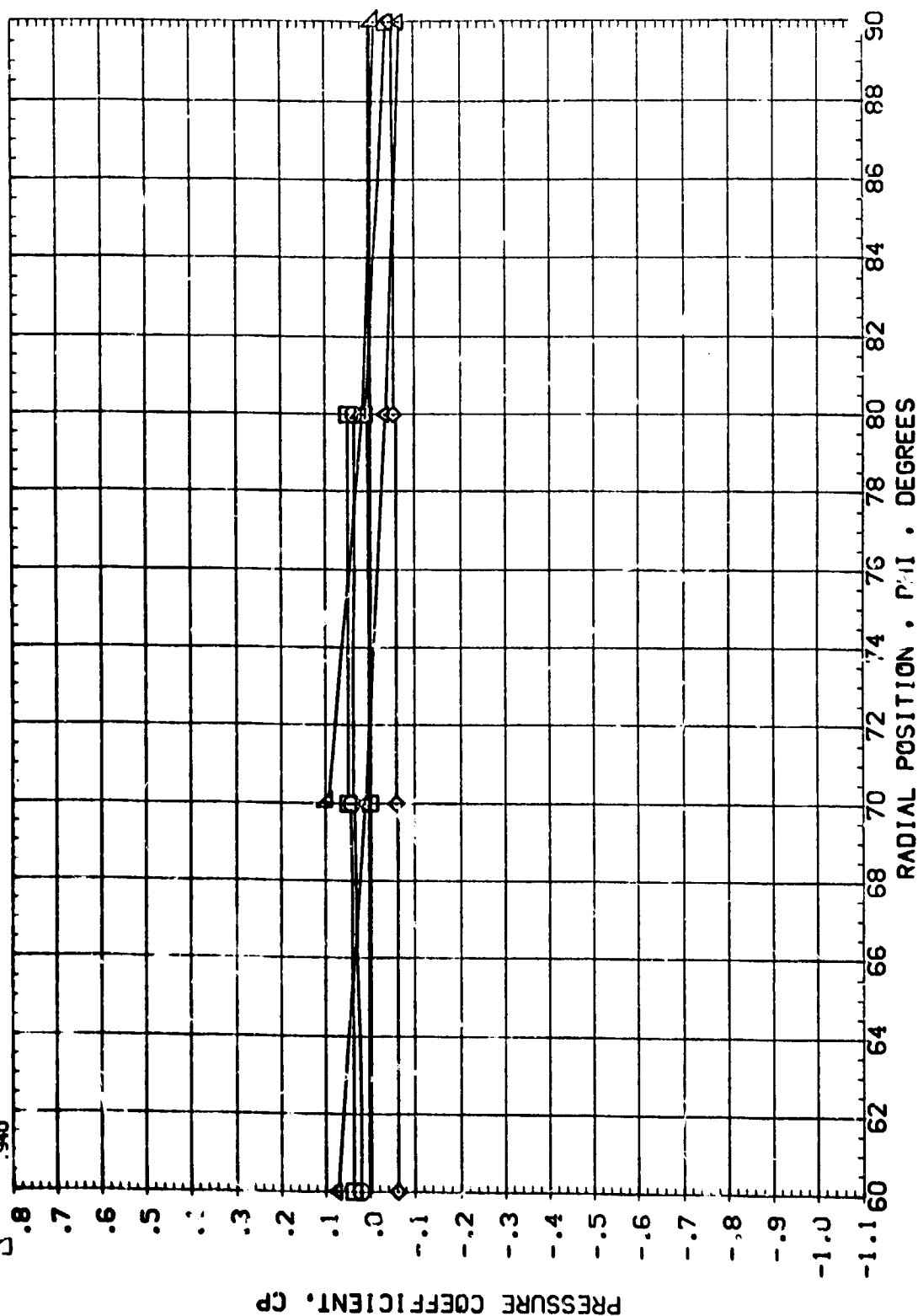


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILPYN .000 RUDDER .000
 RNVL 3.500

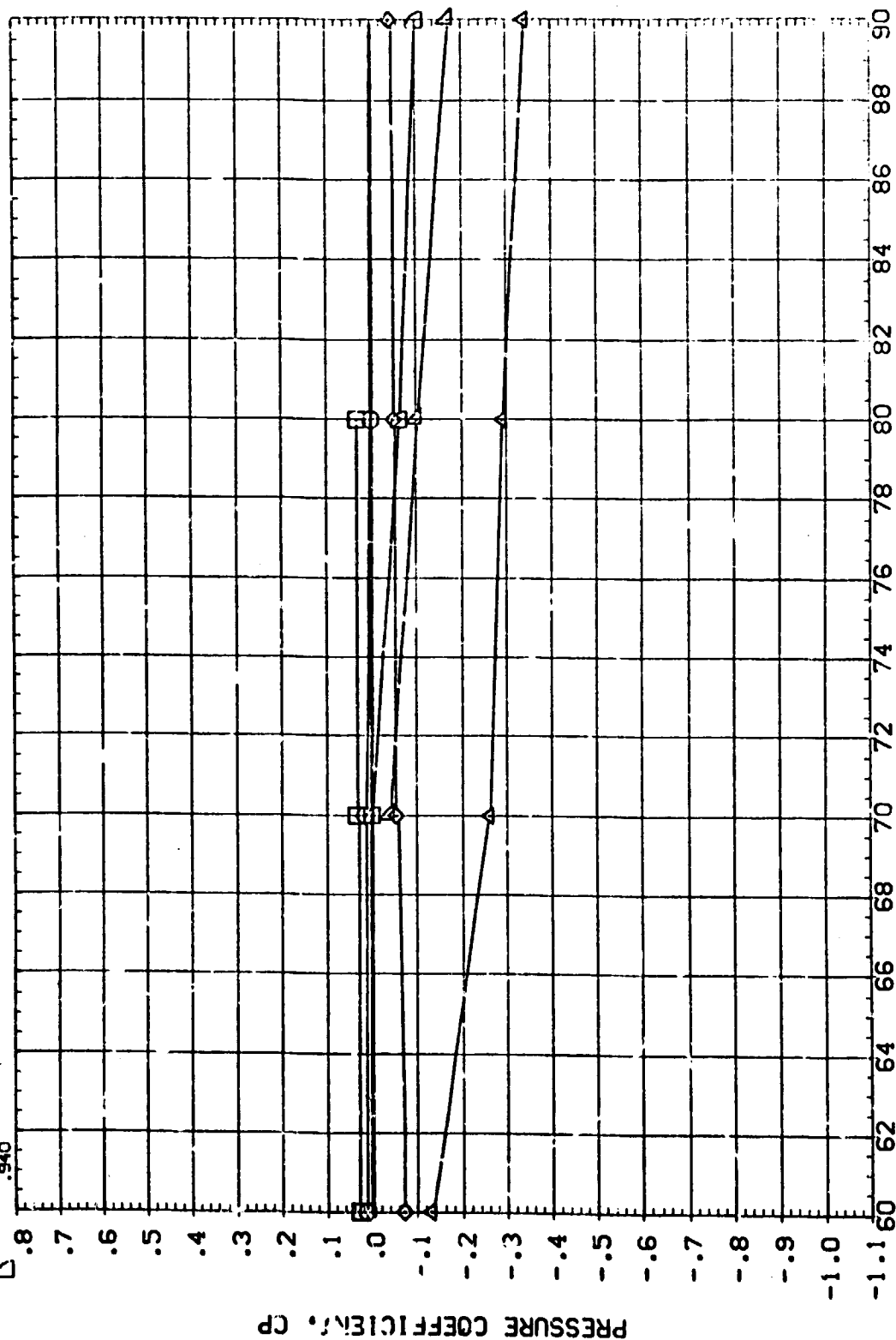
ALPHA MACH
 10.640 .851
 .087
 .126
 .164
 .652
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	12.7:0	.849	.000	ELEVTR -15.000
◇	.126			.000	RJODER .000
△	.164			3.500	
▽	.662				
◇	.900				
□	.940				

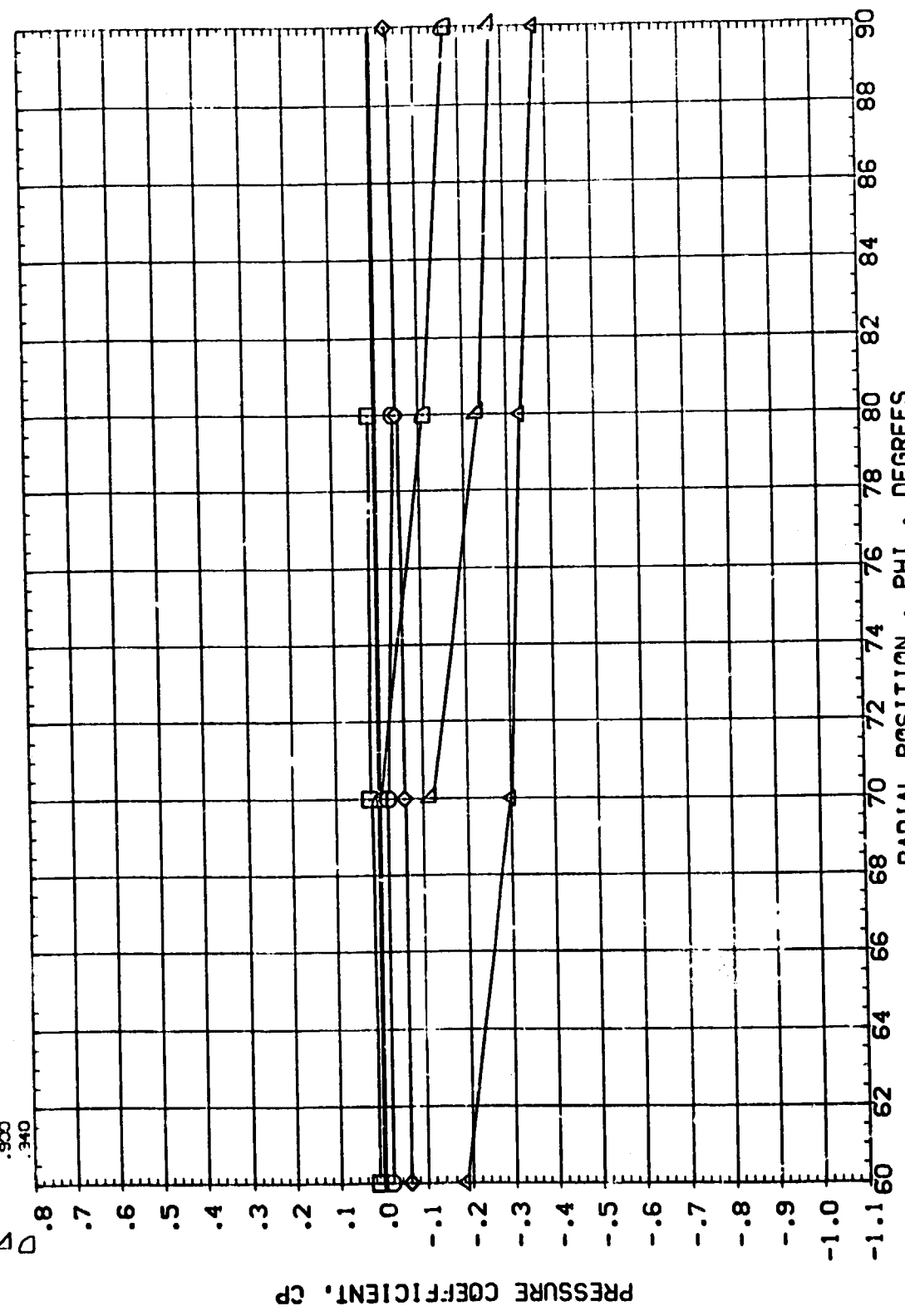


RADIAL POSITION, PHI, DEGREES

RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 56-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

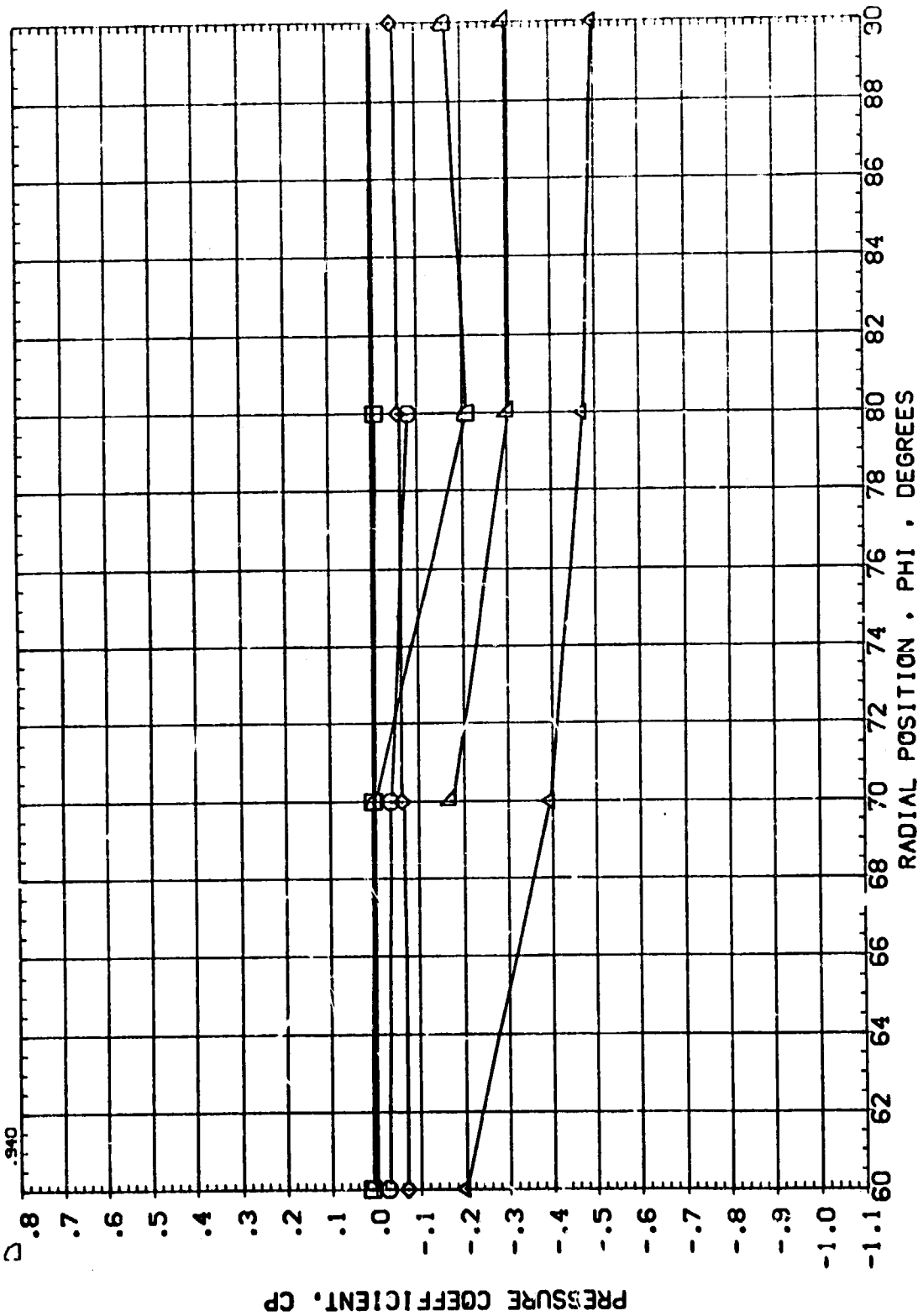
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	14.840	.850	AILRON	.000 ELEVTR
◇	.126			RN/L	.000 RUDDER
△	.164				3.50C
▽	.862				
▽	.900				
▽	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

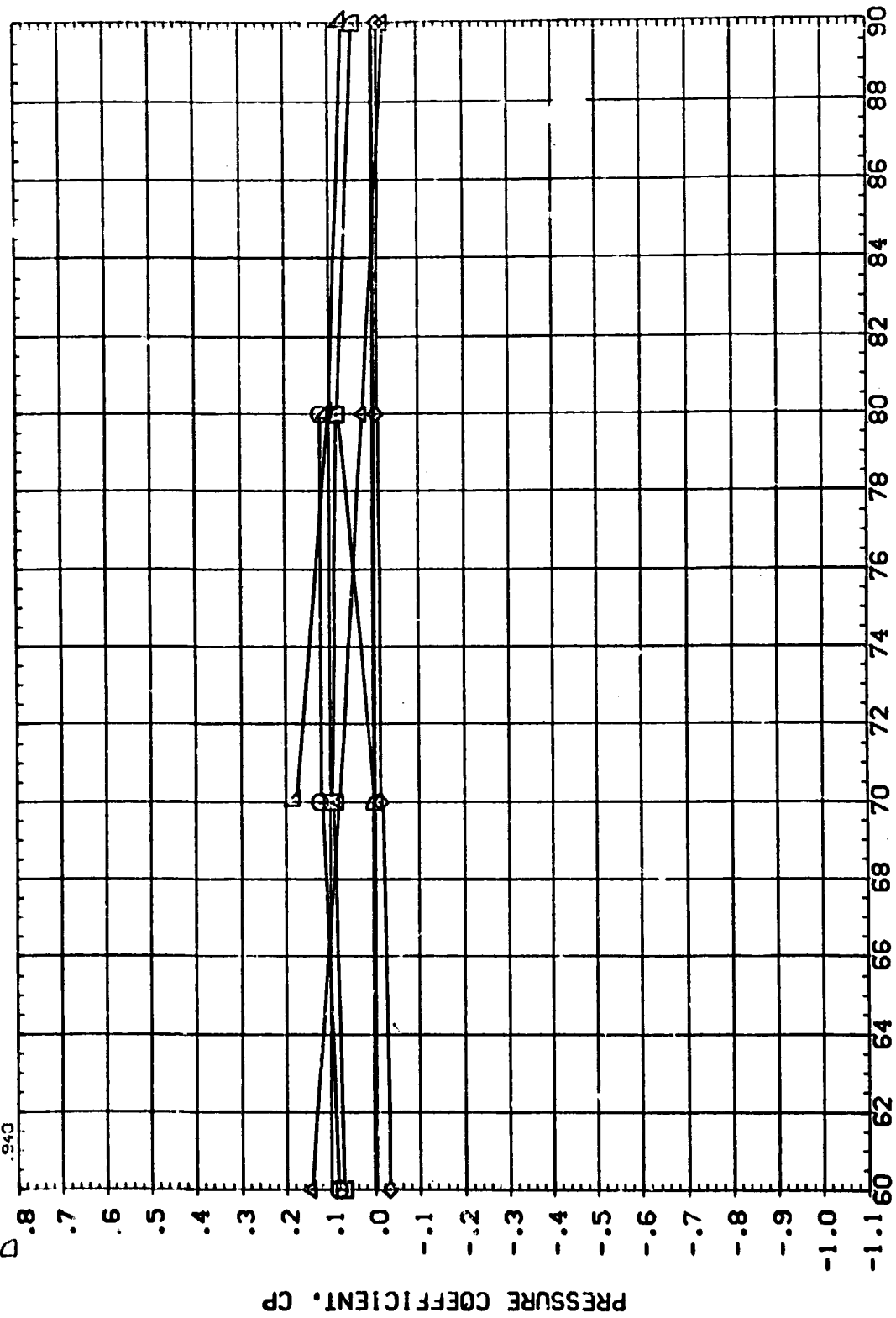
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	16.900	.852	.000	EI EVTR
◇	.126			.000	F JOER
△	.164			3.500	
▽	.862				
▽	.900				
▽	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MAC _∞	PARAMETRIC VALUES		
				BETA	ELEVTR	-15.000
0.000	.087	6.528	.952	AIRTON	.000	.000
0.040	.126			RN/L	3.500	
0.080	.164					
0.120	.202					
0.160	.240					
0.200	.278					
0.240	.316					
0.280	.354					
0.320	.392					
0.360	.430					
0.400	.468					
0.440	.506					
0.480	.544					
0.520	.582					
0.560	.620					
0.600	.658					
0.640	.696					
0.680	.734					
0.720	.772					
0.760	.810					
0.800	.848					
0.840	.886					
0.880	.924					
0.920	.962					
0.960	.000					
1.000	.038					

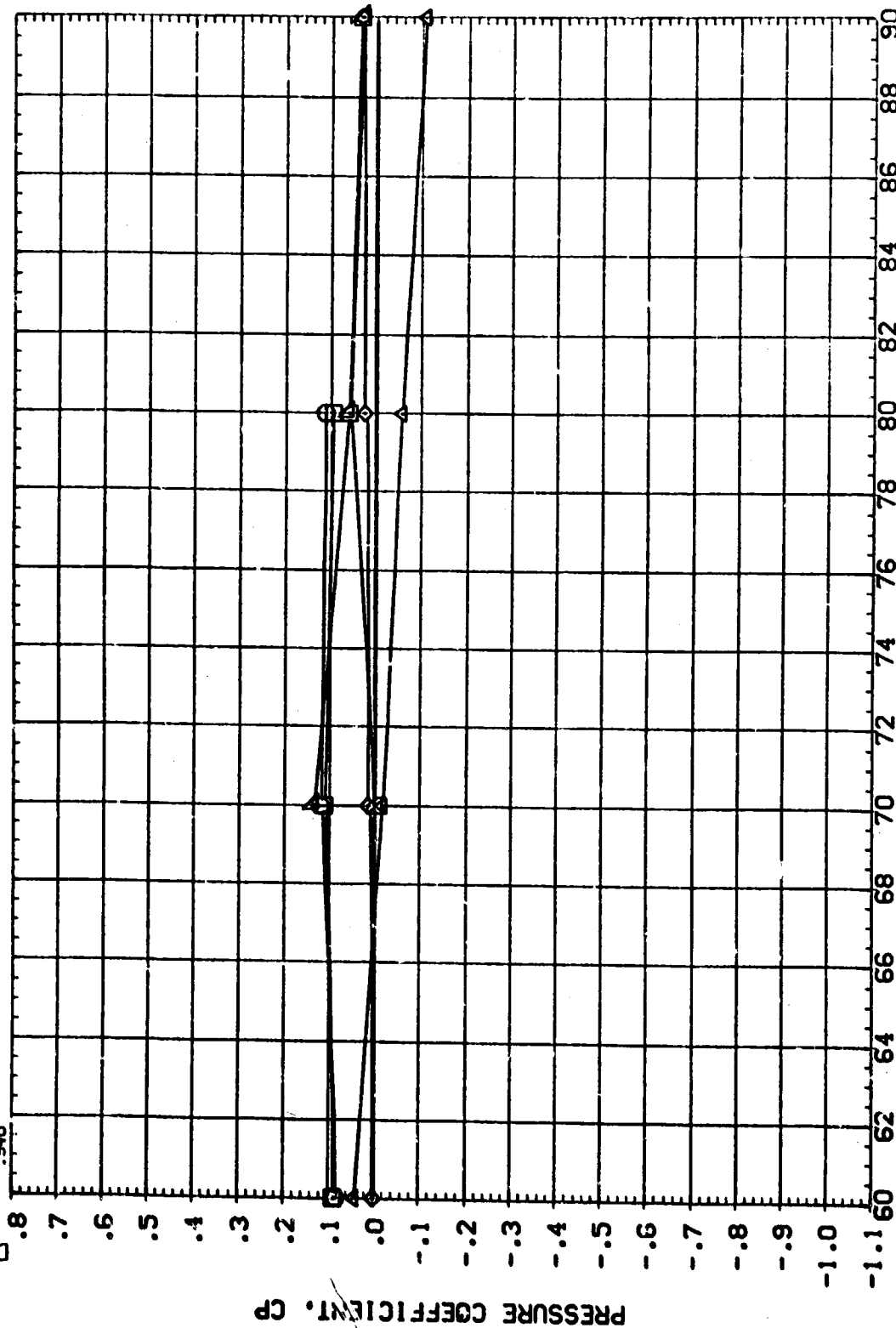


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RN/L 3.500

SYMBOL X/L ALPHA MACH
 □ .087 8.651 .956
 ◇ .126
 ▽ .164
 ▽ .862
 ▽ .900
 ▽ .940

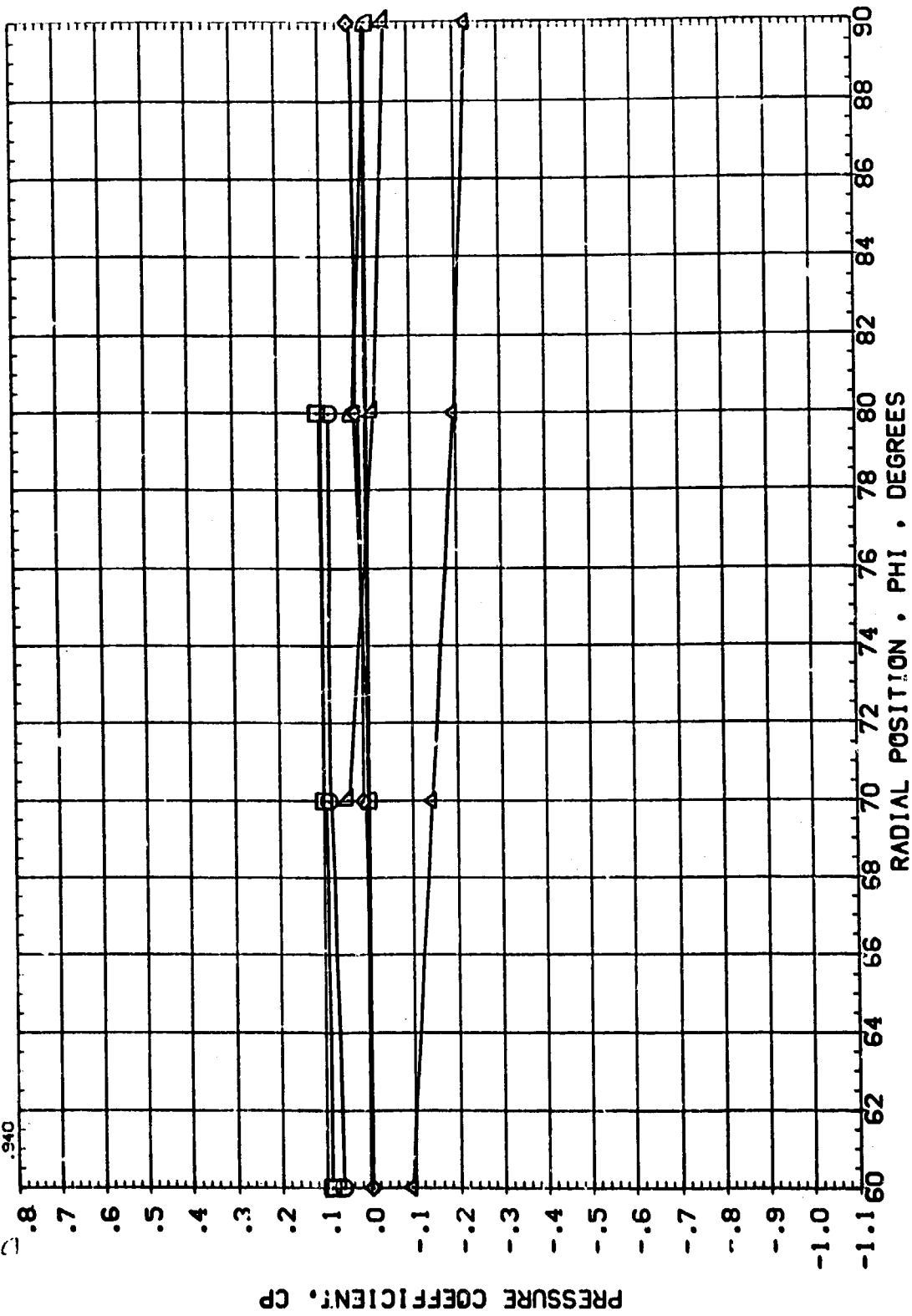


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 60-630 PRESSURE VENTING - SHUTTLE ORBITER (REC0002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RJOOR .000
 RNVL 9.500

SV-902 XL ALPHA MACH
 .097 10.760 .951
 .126
 .164
 .852
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

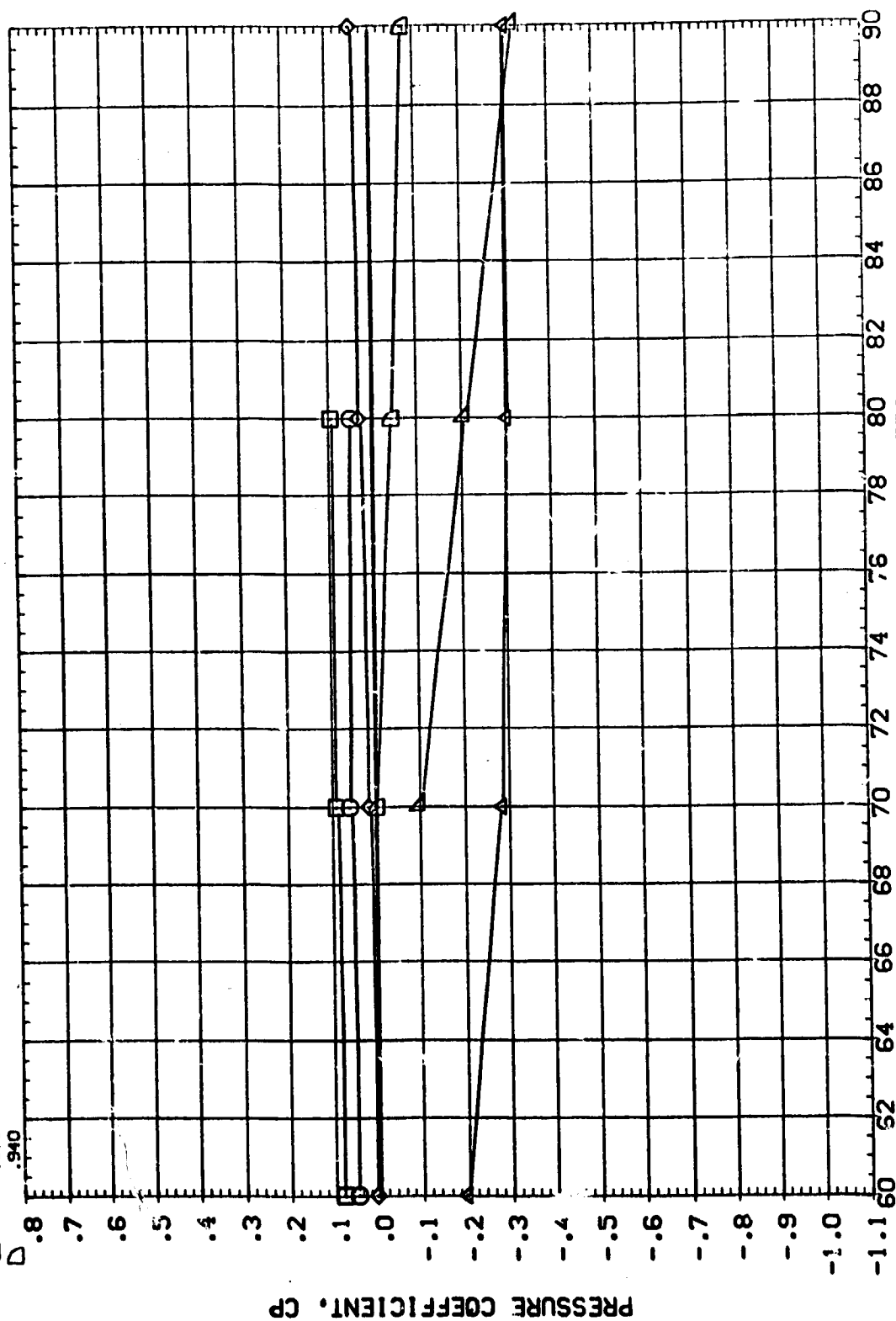
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES

BETA	ELEVTR	-15.000
.000	.000	.000
AILRON	RUDER	
RV/L	3.500	

SYMBOL X/L ALPHA MACH

○	.087	12.840	.950
□	.126		
△	.164		
▽	.862		
◇	.900		
◇	.940		

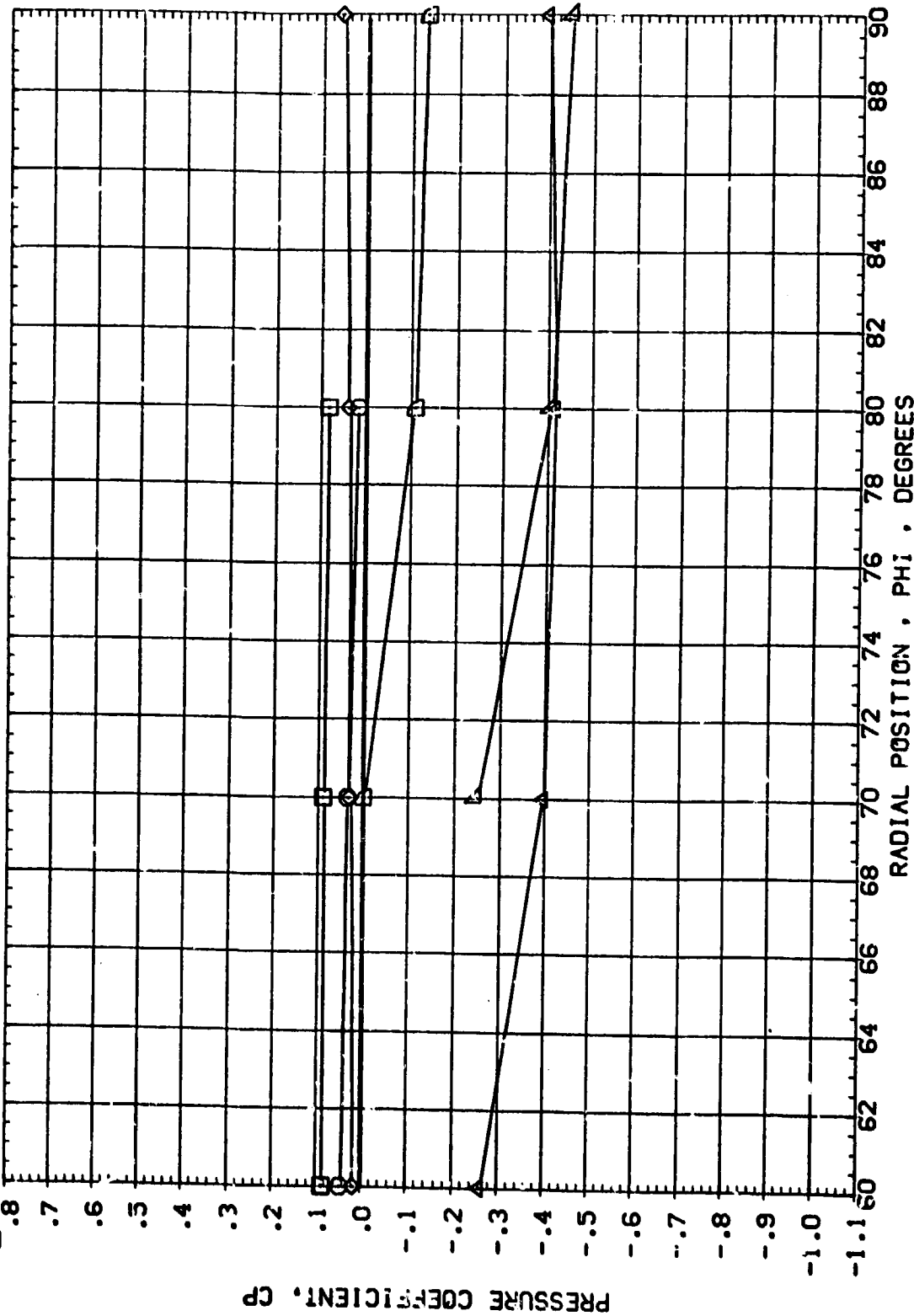


RADIAL POSITION, PHI, DEGREES

RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 61-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES	ELEVTR	RUDDER
○	.087	14.930	.955	.000	.000	3.500		-15.000	.000
□	.126								
◇	.164								
△	.862								
▽	.900								
△	.940								



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

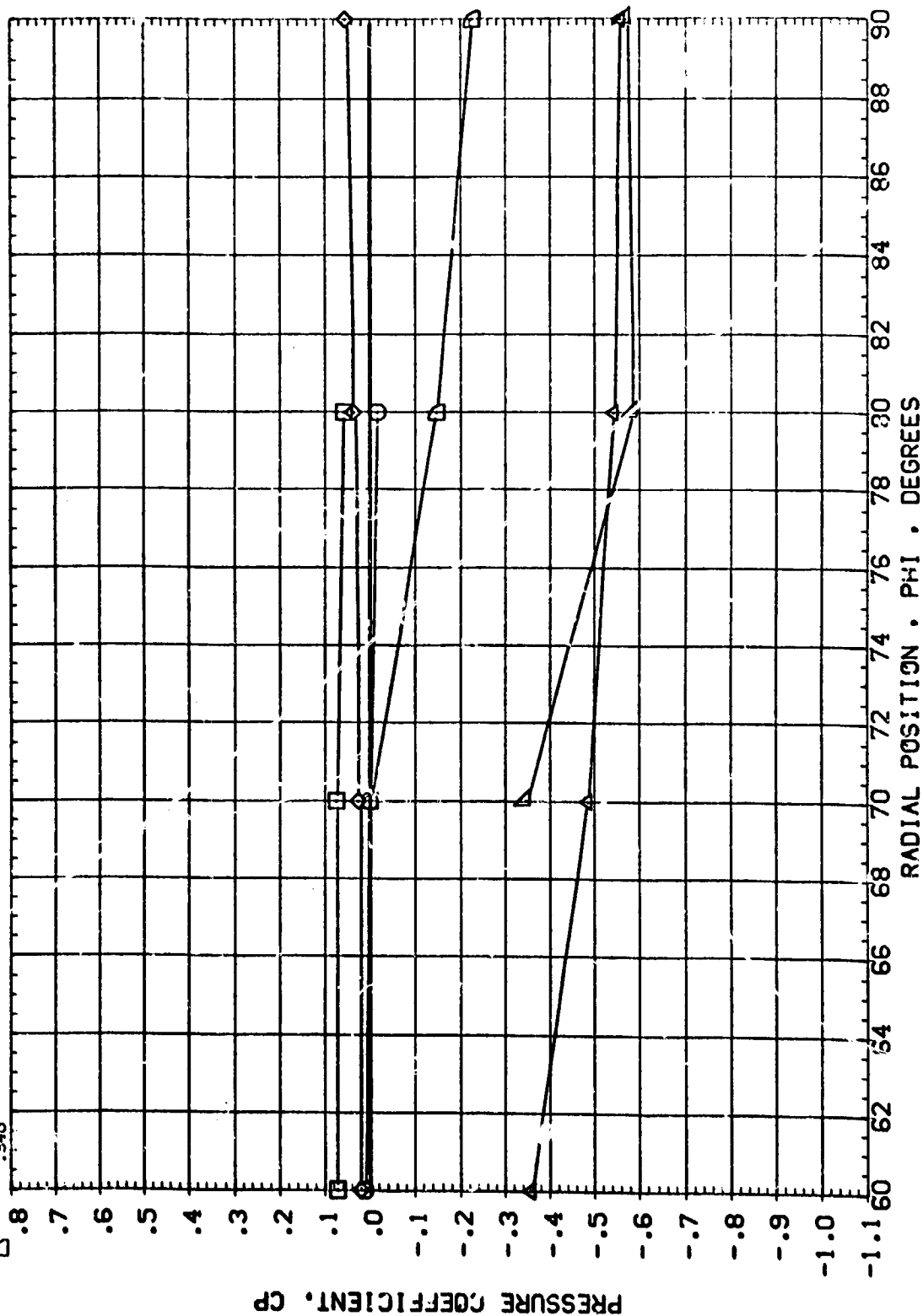
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC0002)

PARAMETRIC VALUES

BETA	ELEVTR	-15.000
AILRON	RUDDER	.000
RN/L		3.500

SYMBOL X/L ALPHA MACH

□	.087	17.020	.955
◇	.126		
△	.164		
▽	.862		
◇	.900		
◇	.940		

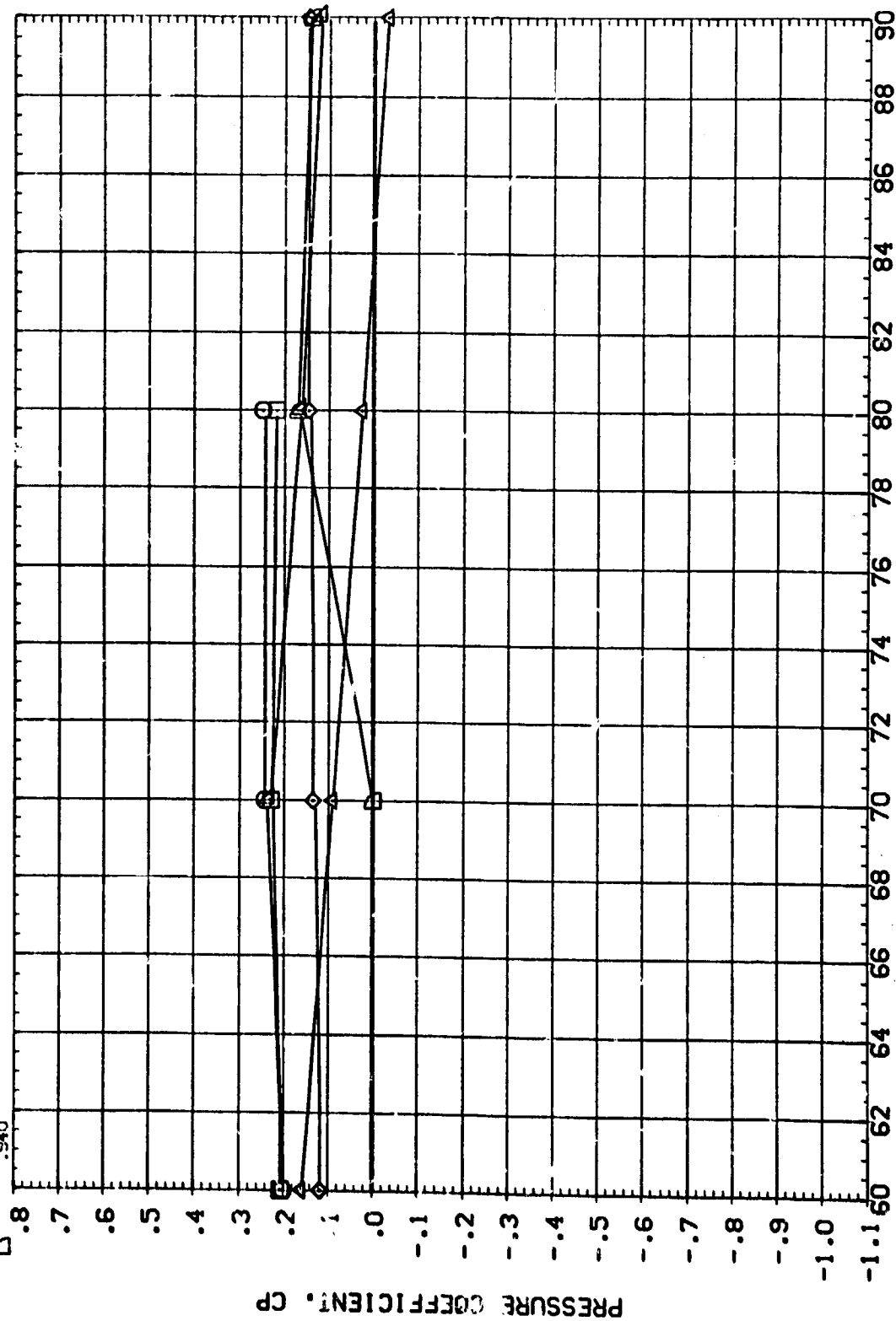


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

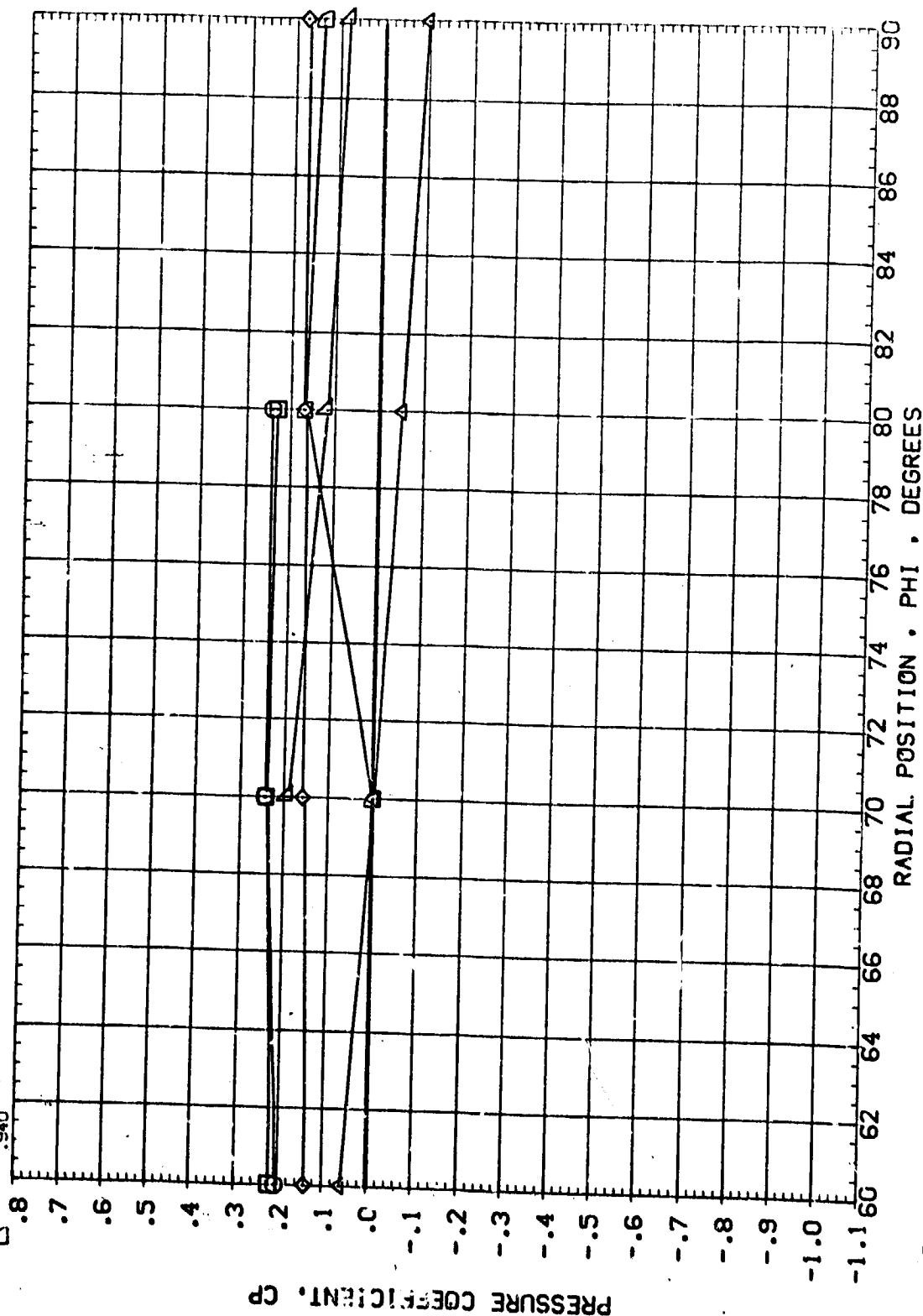
SYMBS	X/F	ALPHA	MACH	PARAMETRIC VALUES		
				LETA	ELEVTR	-15.000
□	.087	5.609	1.050	AILRON	RUDDER	.000
◇	.126			RNVL		3.500
△	.164					
▽	.182					
▽	.903					
▽	.940					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES	ELEVTR	-15.000	.000	RUDDER	.000
□	.087	8.685	1.058									
◇	.126											
△	.164											
▽	.862											
△	.900											
◇	.940											



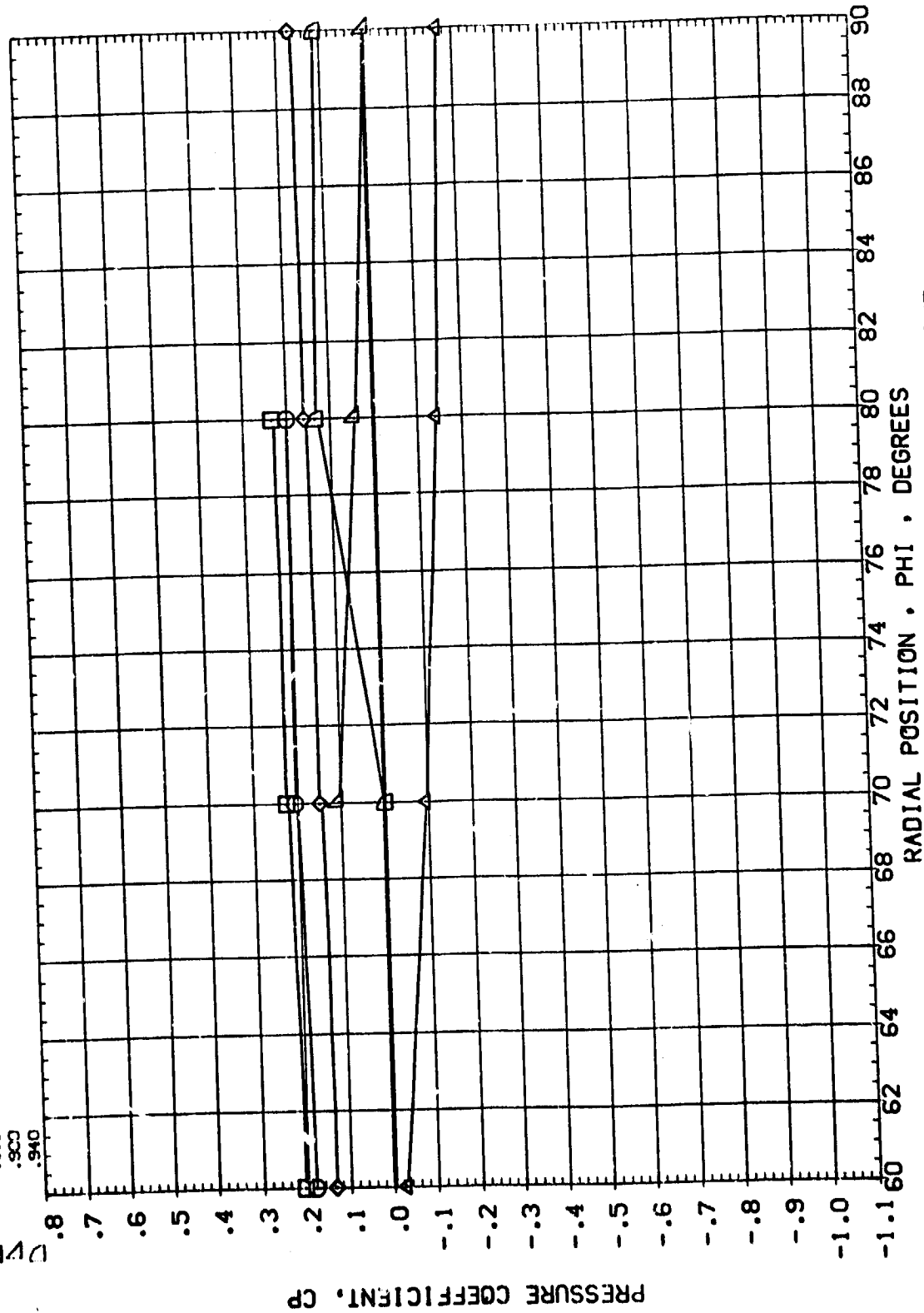
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL X/L ALPHA MACH
□ .097 10.750 1.053
◇ .126
△ .164
▽ .862
○ .900
◇ .940

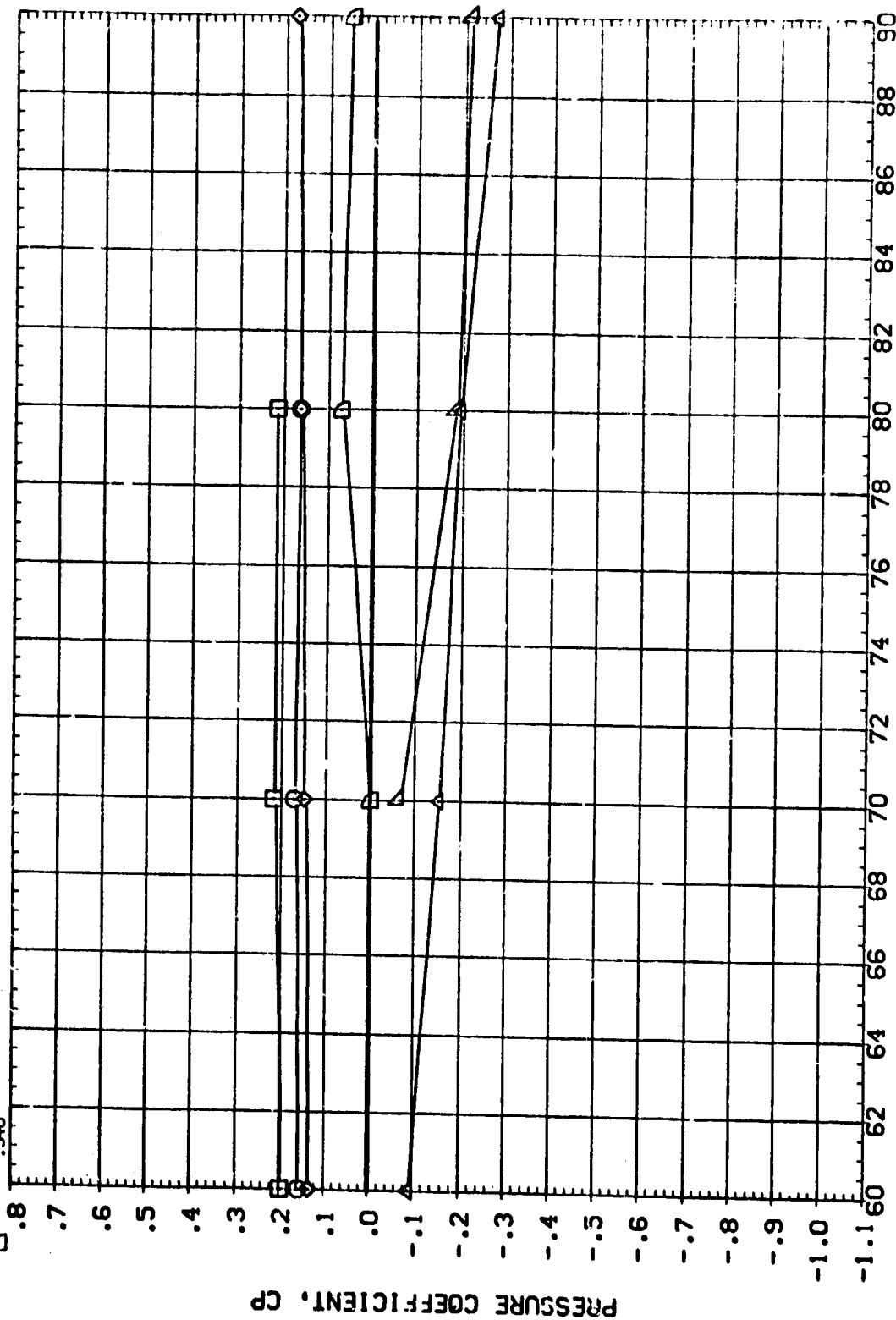
PARAMETRIC VALUES
BETA .000 ELEVTR -15.000
AILRON .000 RUDDER .000
RN/L 3.500



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

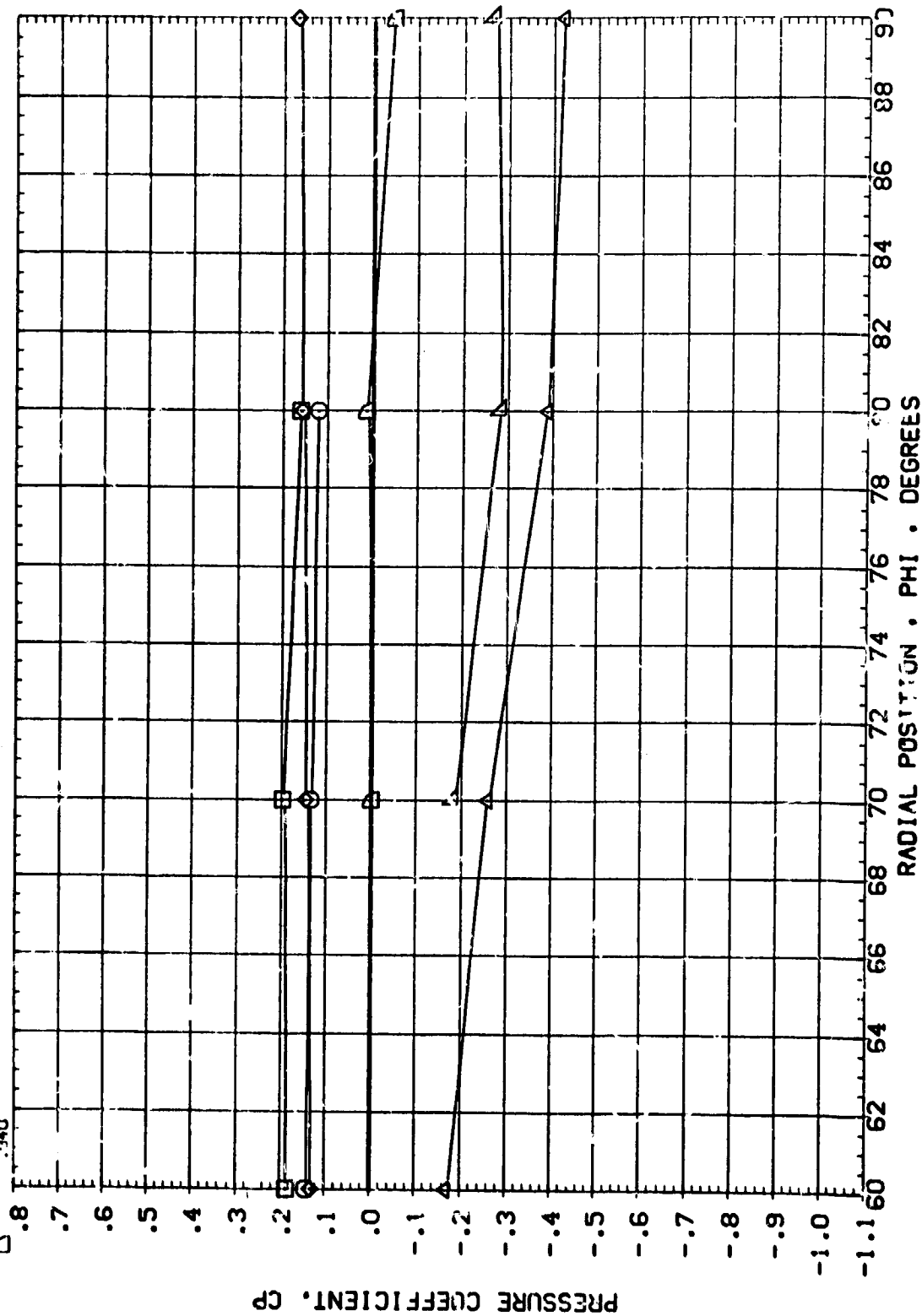
SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES	ELEVTR	RUDDER
□	.087	12.880	1.051	.000	.000	3.500		-15.000	.000
□	.126								
◇	.164								
△	.862								
▽	.900								
▽	.940								



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

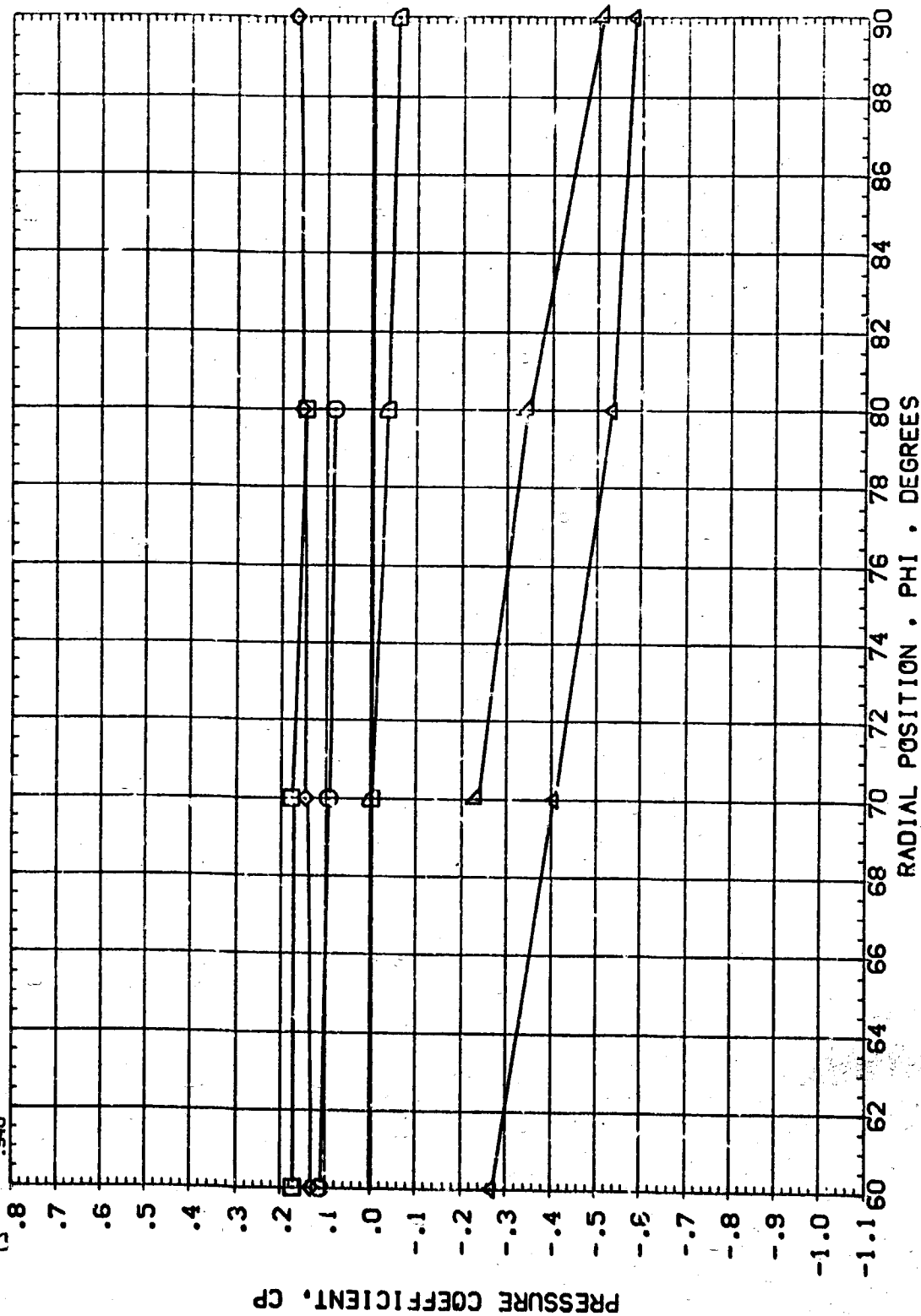
SYM	X/L	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	-15.000
□	.087	14.910	1.046	.000	RUDER	.000
◇	.126			.000		
△	174			3.500		
▽	862					
◇	.000					
△	.340					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC'D002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
□	.087	17.070	1.049	.000	.000	.000	
◇	.126			.000			
△	.164						
▽	.862						
○	.900						
◇	.940						

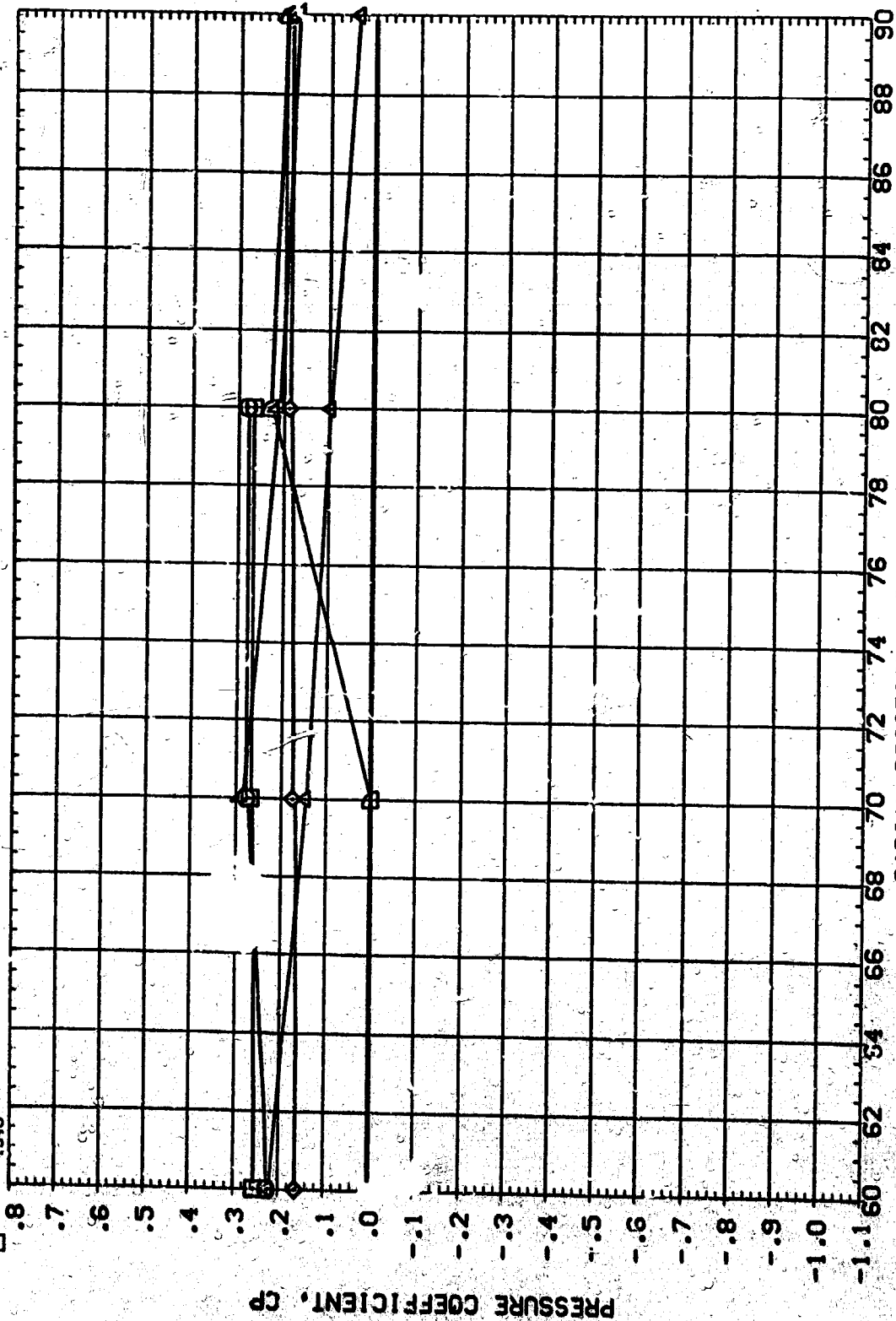


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RV/L 3.500

SYMBOL X/L ALPHA MACH
 .087 6.512 1.091
 .126
 .164
 .862
 .900
 .940

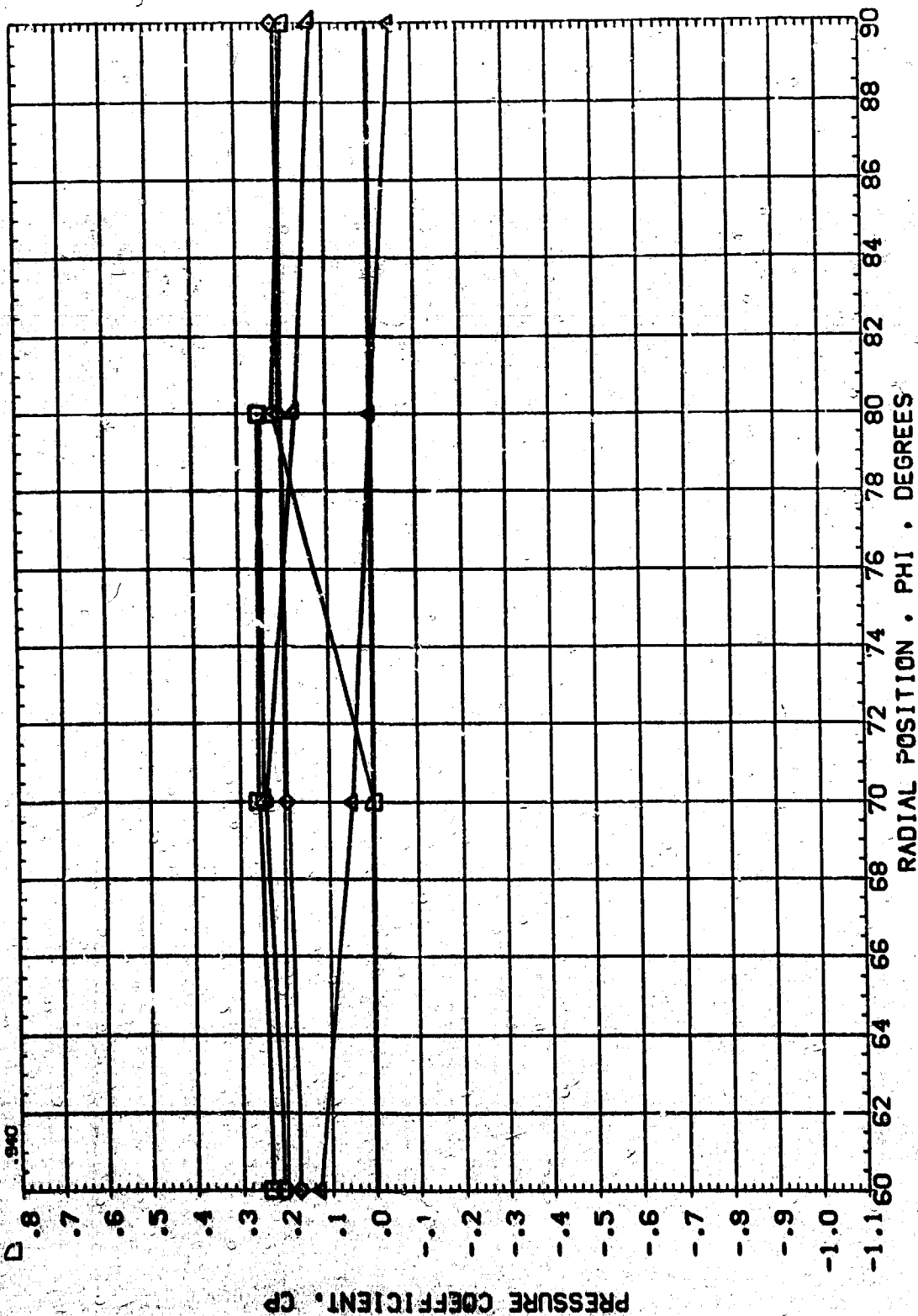


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL M_∞ α $MACH$
 □ .087 8.708 1.104
 ▽ .125
 ◊ .164
 ◻ .262
 ◻ .300
 ◻ .940

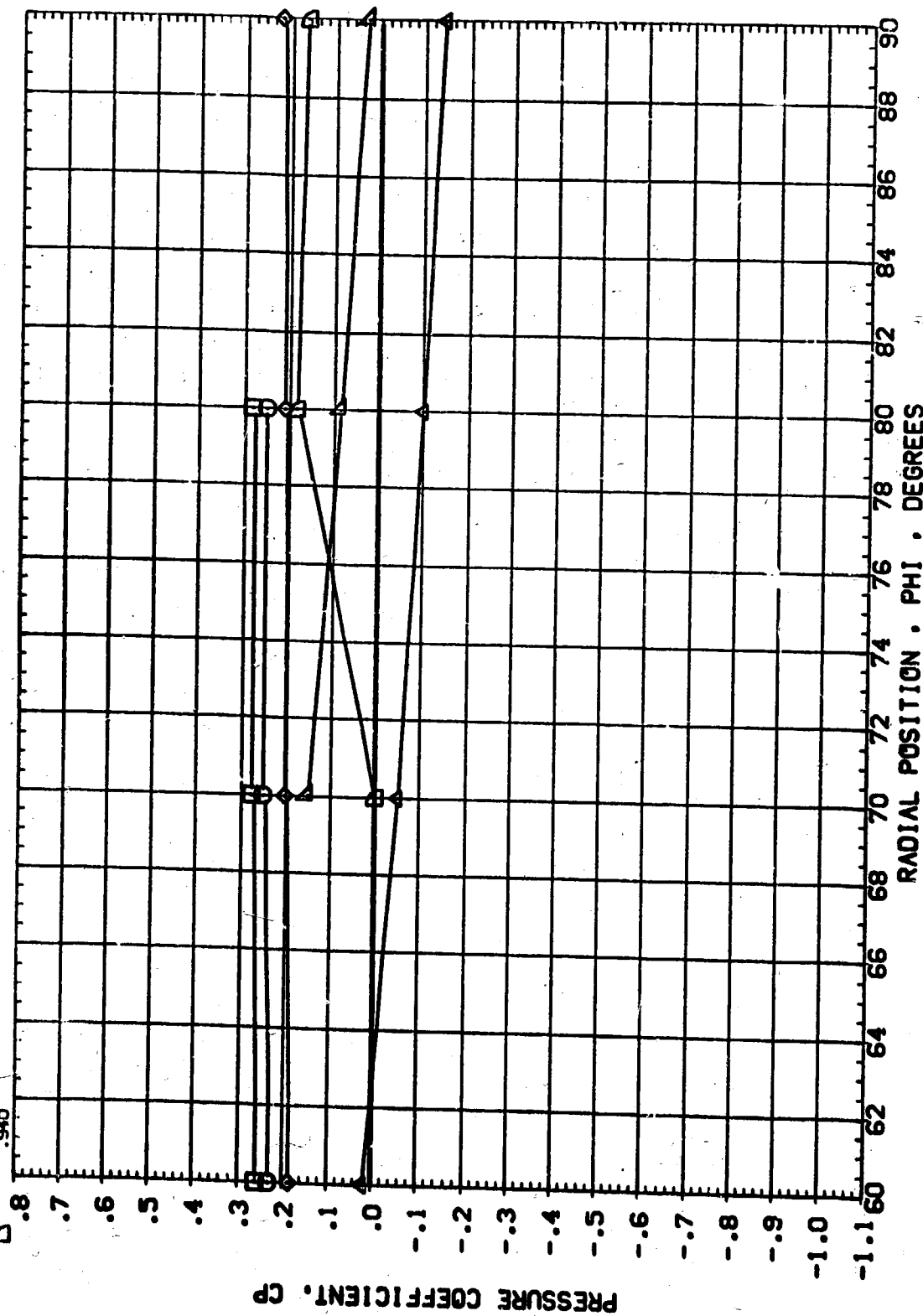
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 3.500
 ELEVTR -15.000
 RUDDER .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SV-802	XL	ALPHA	1/4CH	PARAMETRIC VALUES		
	.087	10.780	1.058	BETA	.000	ELEVTR
	.126			AIRLON	.000	RUDER
	.164			RVL	3.500	
	.852					-15.000
	.900					.000
	.940					

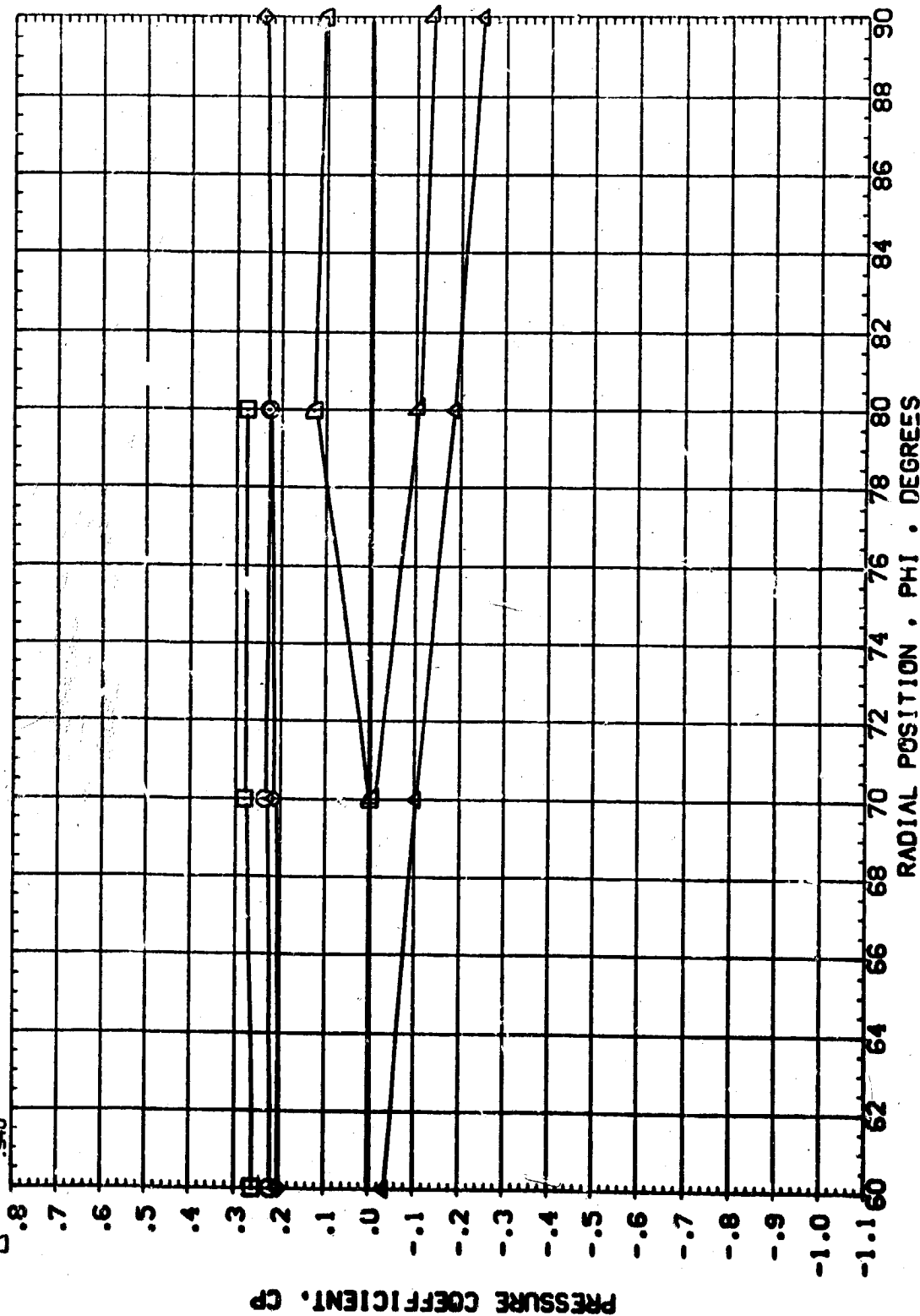


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AIRCEN .000 RUOOR .000
 RV/L 3.500

SYMBOL X/L ALPHA MACH
 □ .087 12.910 1.098
 ○ .126
 ◇ .164
 △ .662
 ▽ .900
 ▽ .940



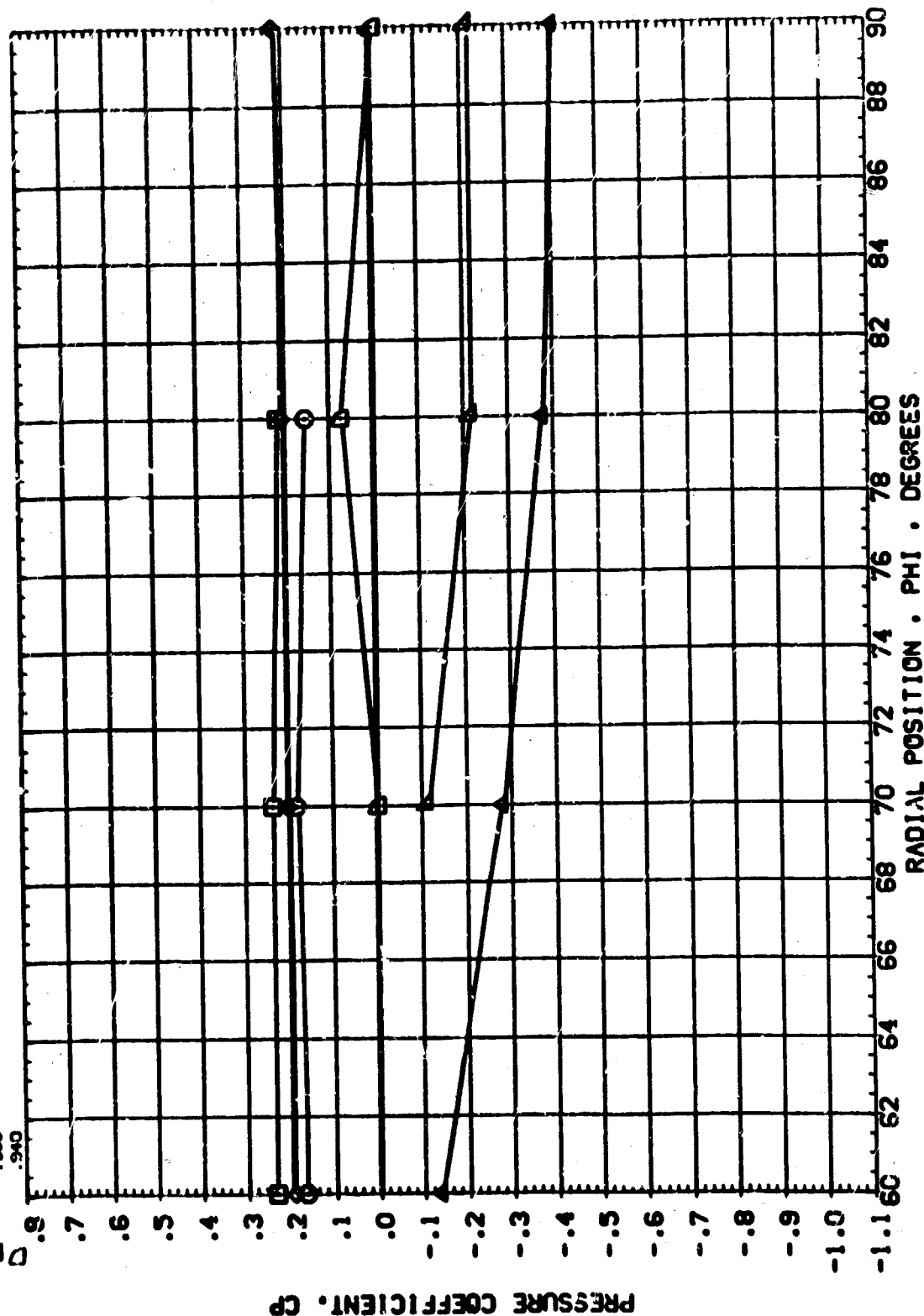
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

ALPHA	BETA	PARAMETRIC VALUES
15.000	.000	ELEVTR
1.004	.000	RLOOR
	3.500	

07401X0
9400



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

22

22

1

Q

1.101.1

1.101.1

51

51

51

51

51

51

PARA-ELECTRIC VALUES

PARA-ELECTRIC VALUES

PARA-ELECTRIC VALUES

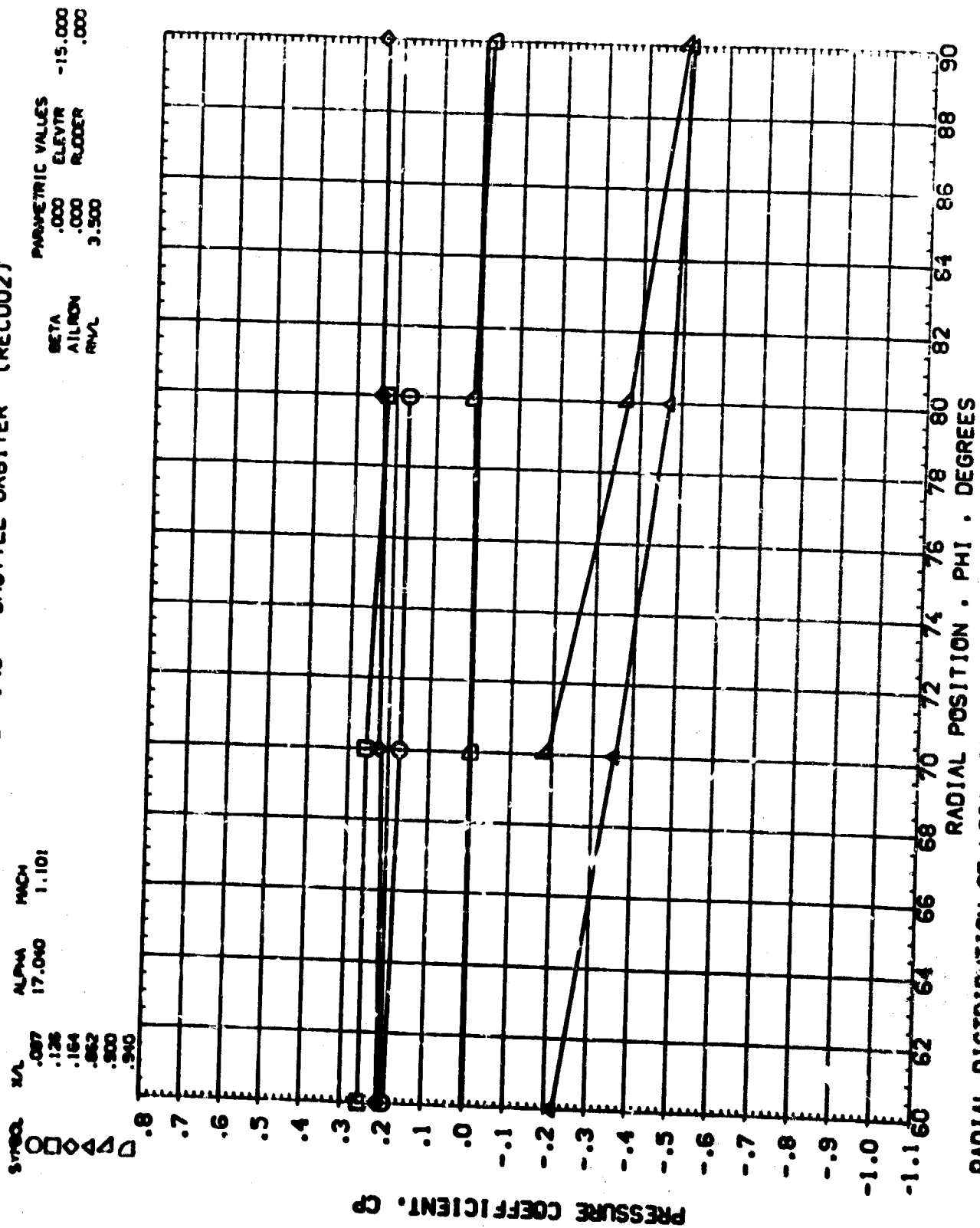
PARA-ELECTRIC VALUES

PARA-ELECTRIC VALUES

PARA-ELECTRIC VALUES

PARA-ELECTRIC VALUES

PARA-ELECTRIC VALUES

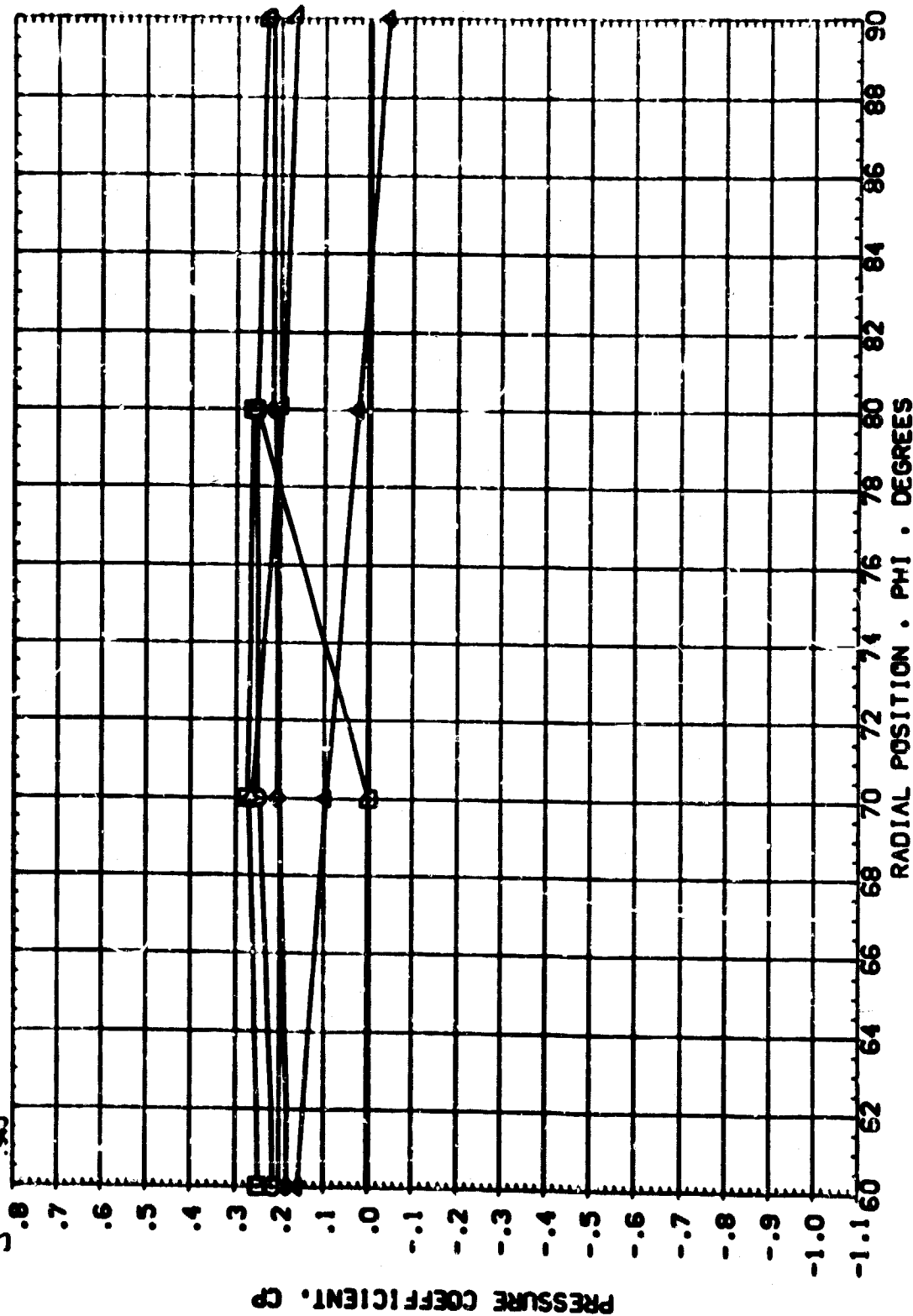


RADIAL POSITION . PHI . DEGREES

RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

S-NO. 12/ ALPH 6.036 MACH 1.150
 .087
 .126
 .164
 .862
 .900
 .940
 PARAMETRIC VALUES
 BETA .000
 AILSON .000
 RWL 3.500
 CLEVIR -15.000
 RLODER .000

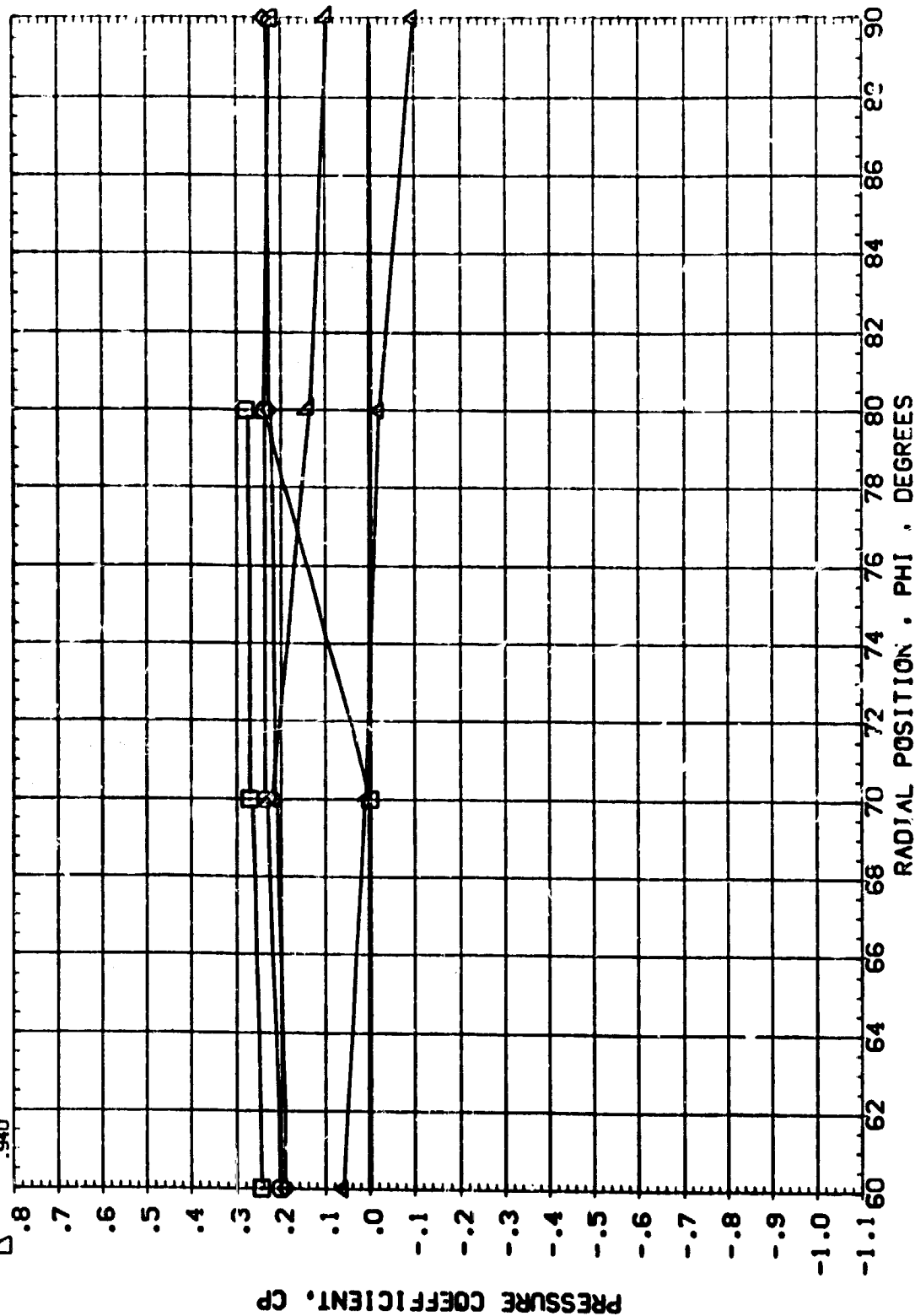


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 FLOOR .000
 RN/L 3.500

ALPHA MACH
 8.715 1.149
 X/L
 .087
 .126
 .164
 .862
 .900
 .940

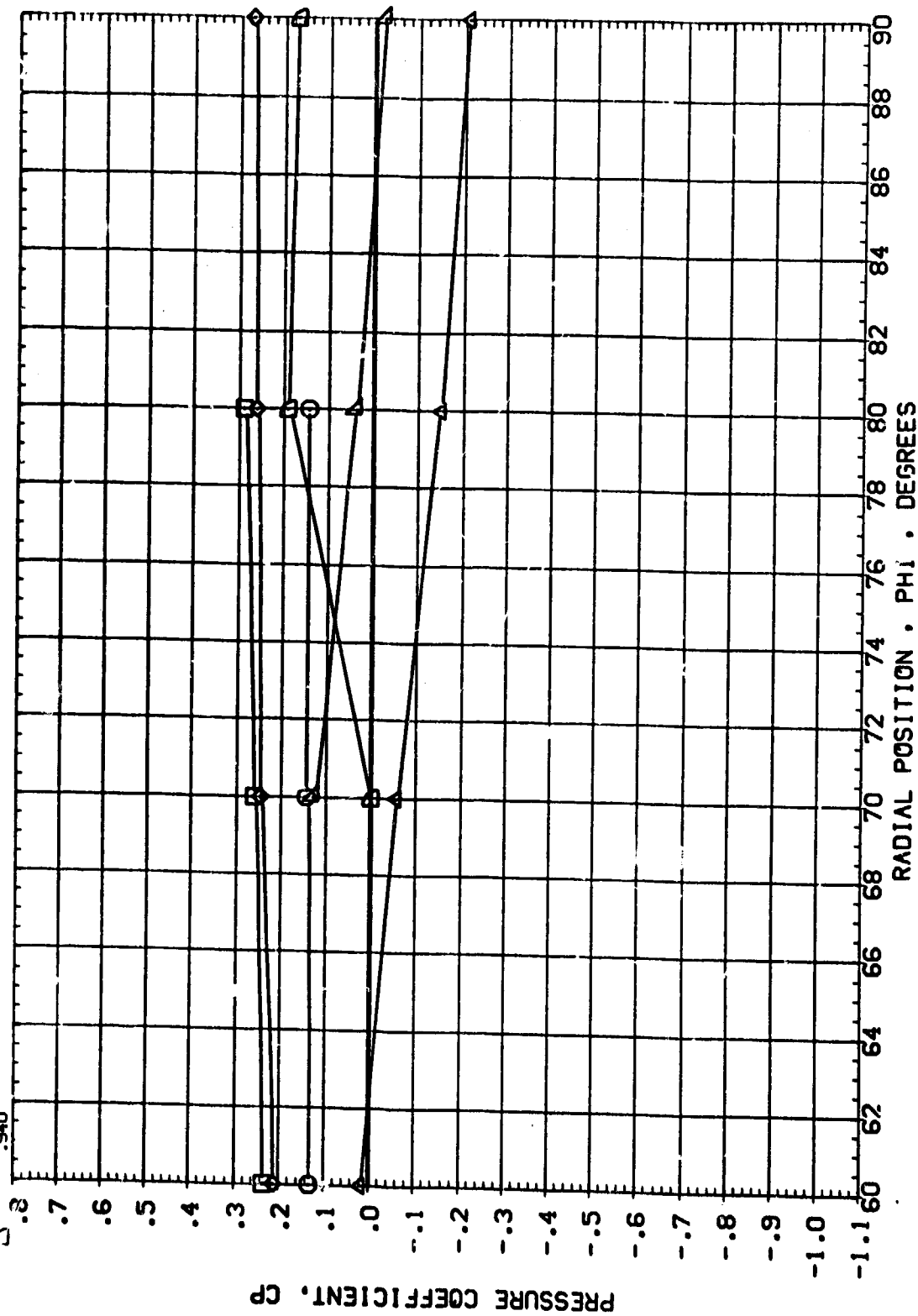


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

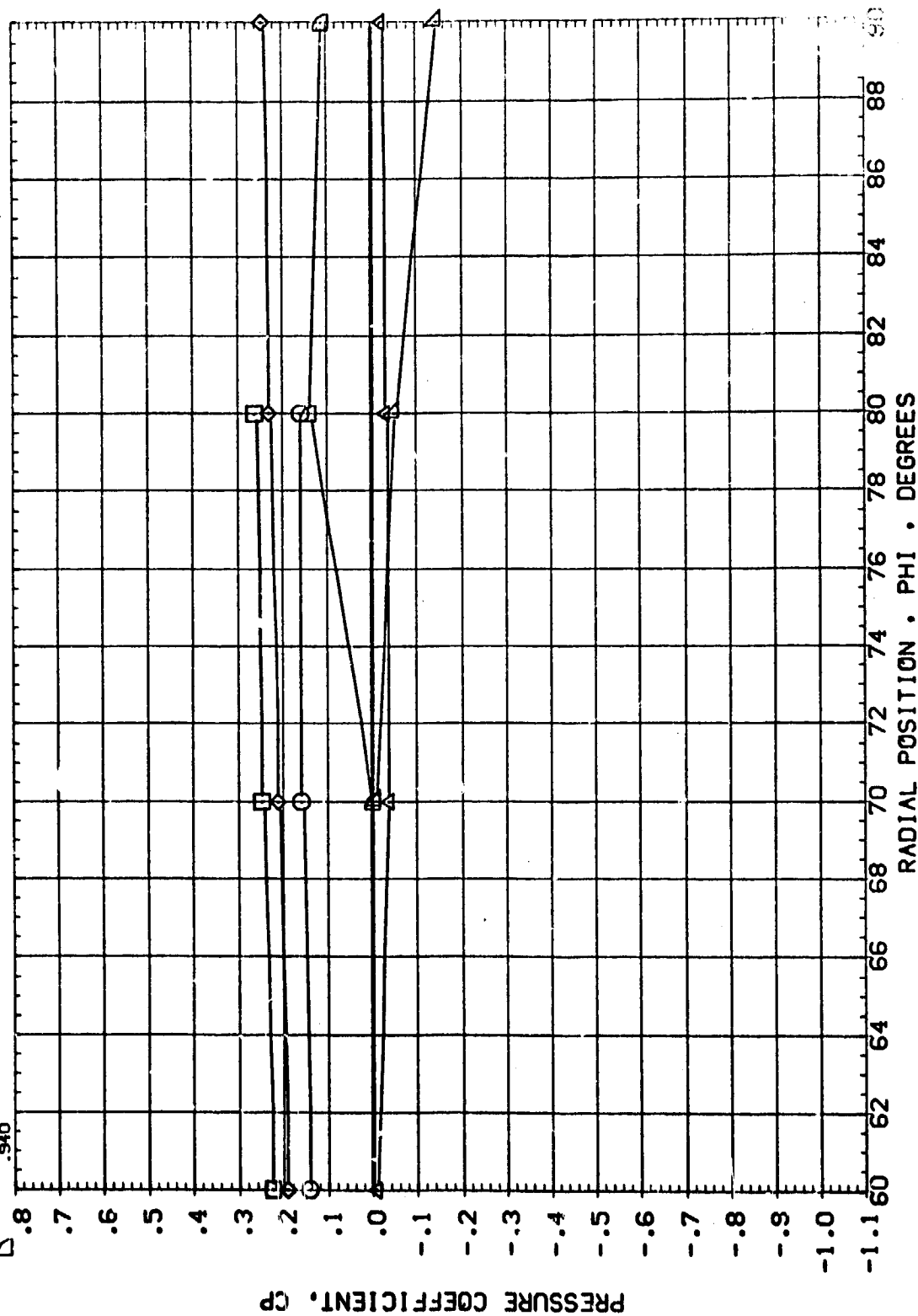
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	AILRON	ELEVTR	RUDDER
○	.087	10.770	1.155	.000	.000	.000	.000
□	.126			.000	.000	.000	.000
△	.164			3.500			
▽	.862						
◇	.900						
◇	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

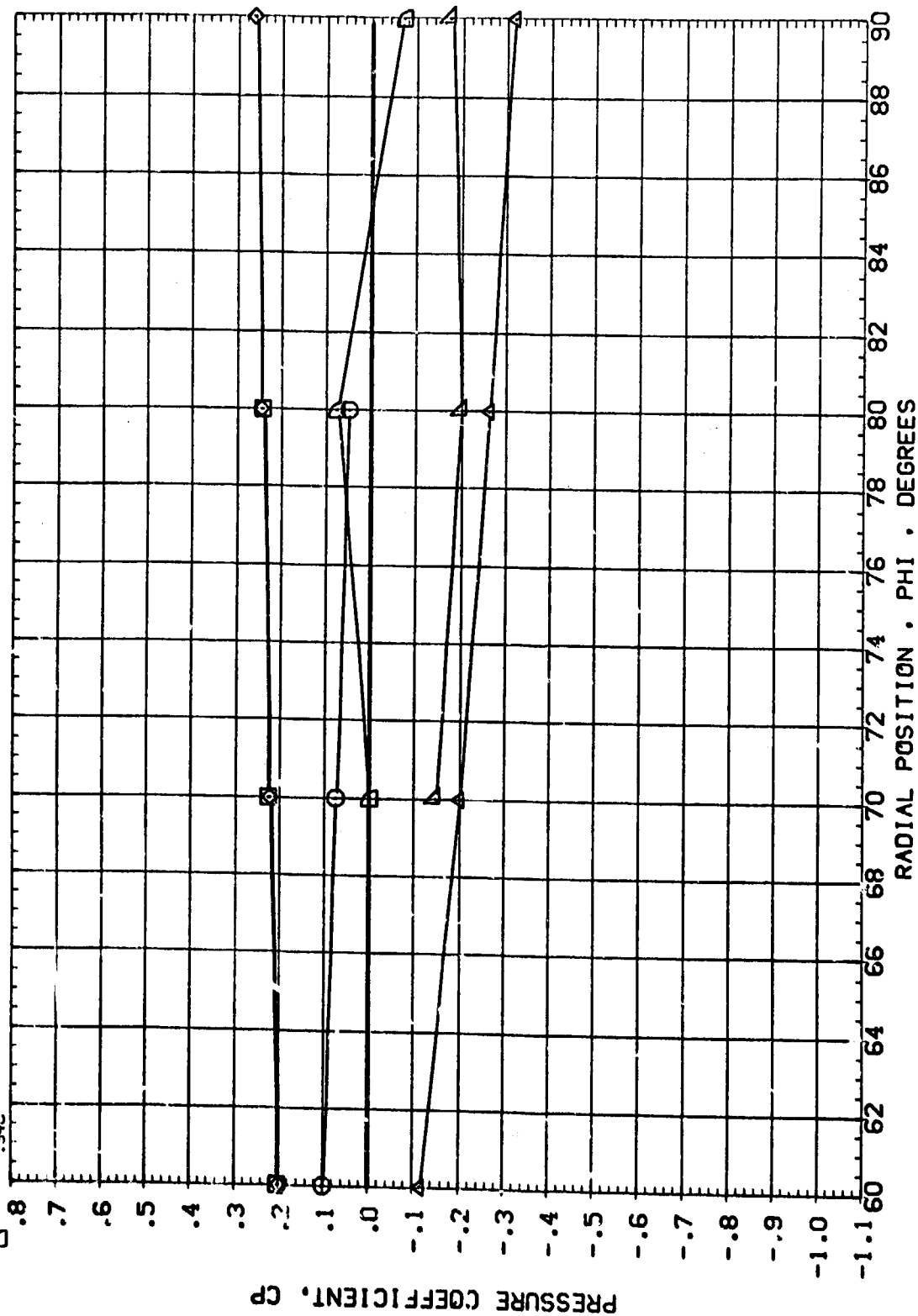
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
				BETA	.DCO	ELEVTR
□	.087	12.840	1.149	.000	.000	-15.000
◇	.126			.000	.000	.000
△	.164			RN/L	3.500	
▽	.862					
▽	.900					
▽	.940					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

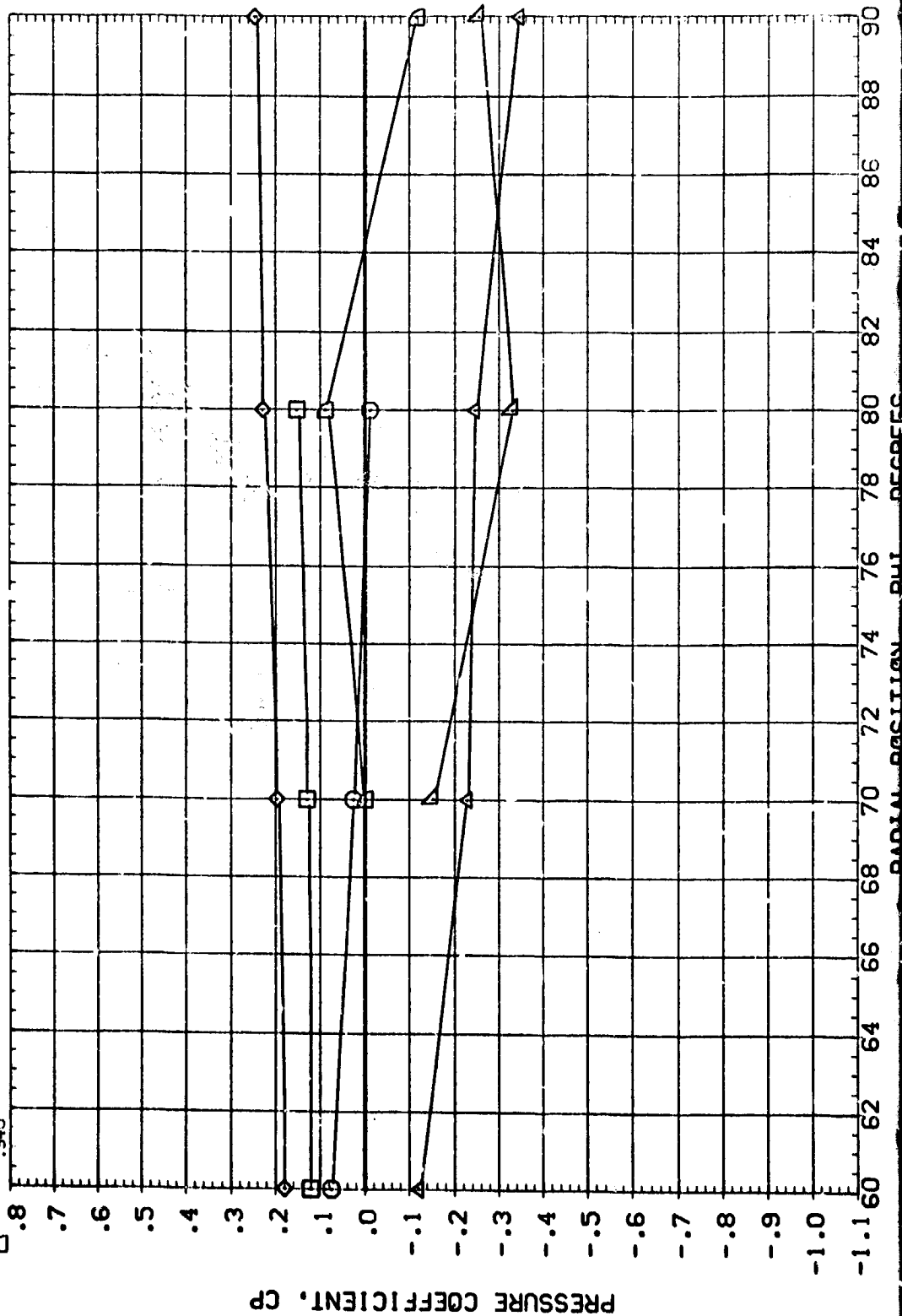
SYMBOL	X/L	A/PMA	MACH	PARAMETRIC VALUES		
				BETA	ELEVTR	-15.000
□	.087	14.580	1.148	AILRON	RUDDER	.000
◇	.126			RN/L	3.500	.000
△	.164					
▽	.862					
○	.900					
◊	.940					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

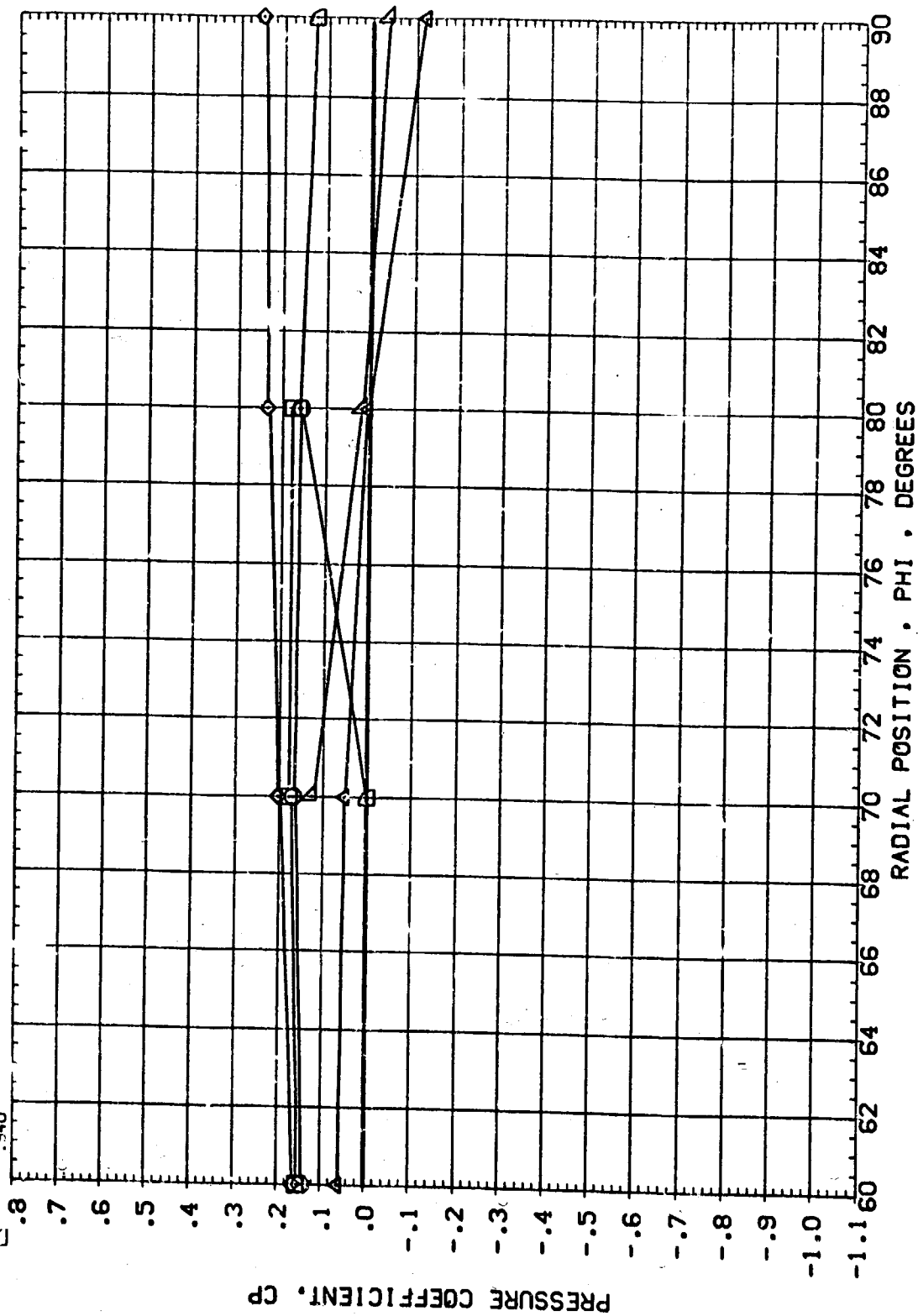
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	XL	ALPHA	MACH	BETA	AILRON	RVL	ELEVTR	RUDDER
○	.087	17.050	1.151	.000	.000	3.500	.000	.000
□	.126							
◇	.164							
△	.862							
▽	.900							
▽	.940							



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

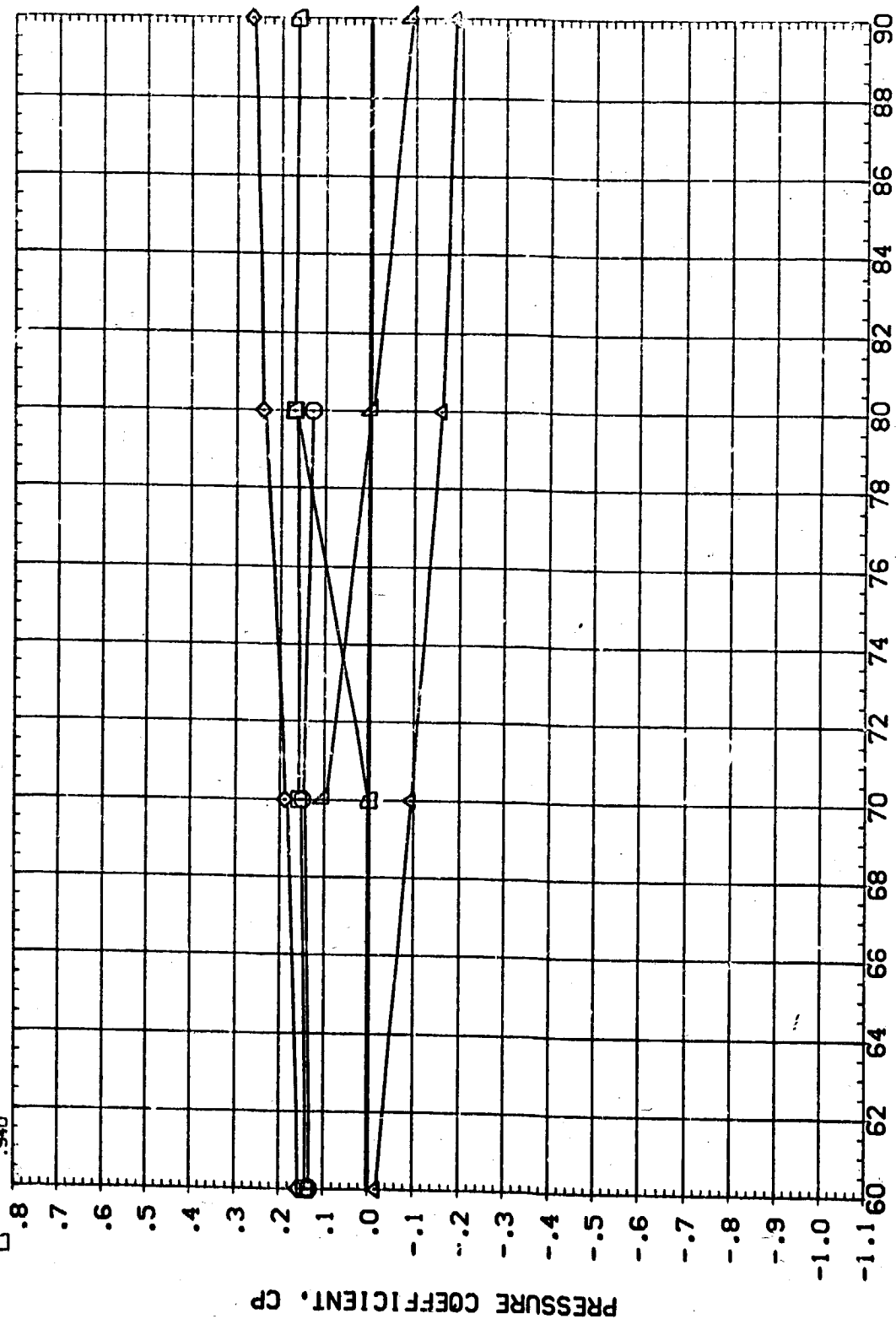
SYMBOL	X/L	ALPHA	MAC	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
▽	.087	6.555	1.252	.000	.000	.000	
△	.126			.000			
◇	.164						
○	.862						
□	.900						
◇	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	8.660	1.250	AILRCY	.000 ELEVTR
△	.126			RVL	.000 RUDDER
◇	.164				3.500
▽	.862				
◇	.900				
◇	.940				

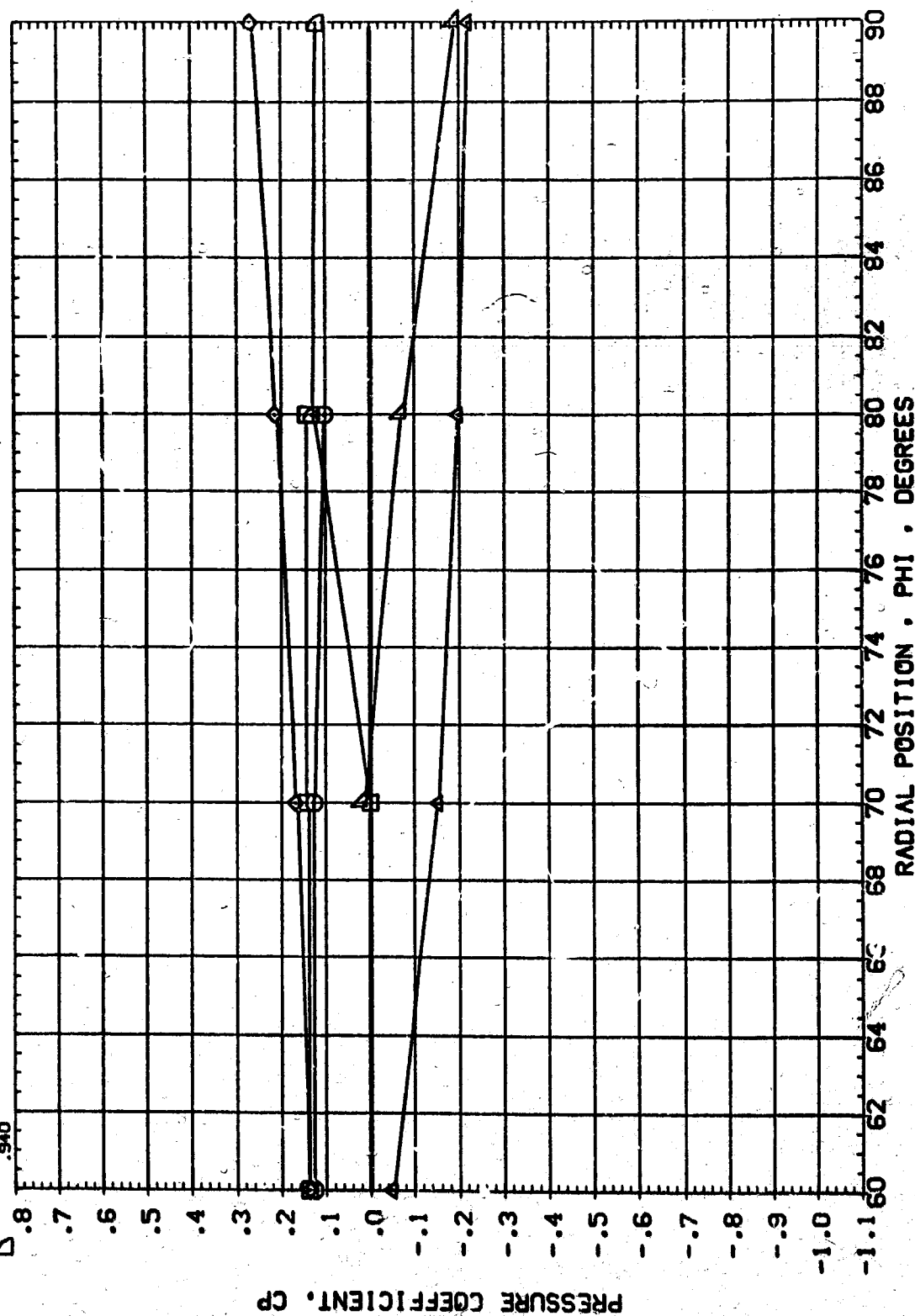


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RNVL 3.500

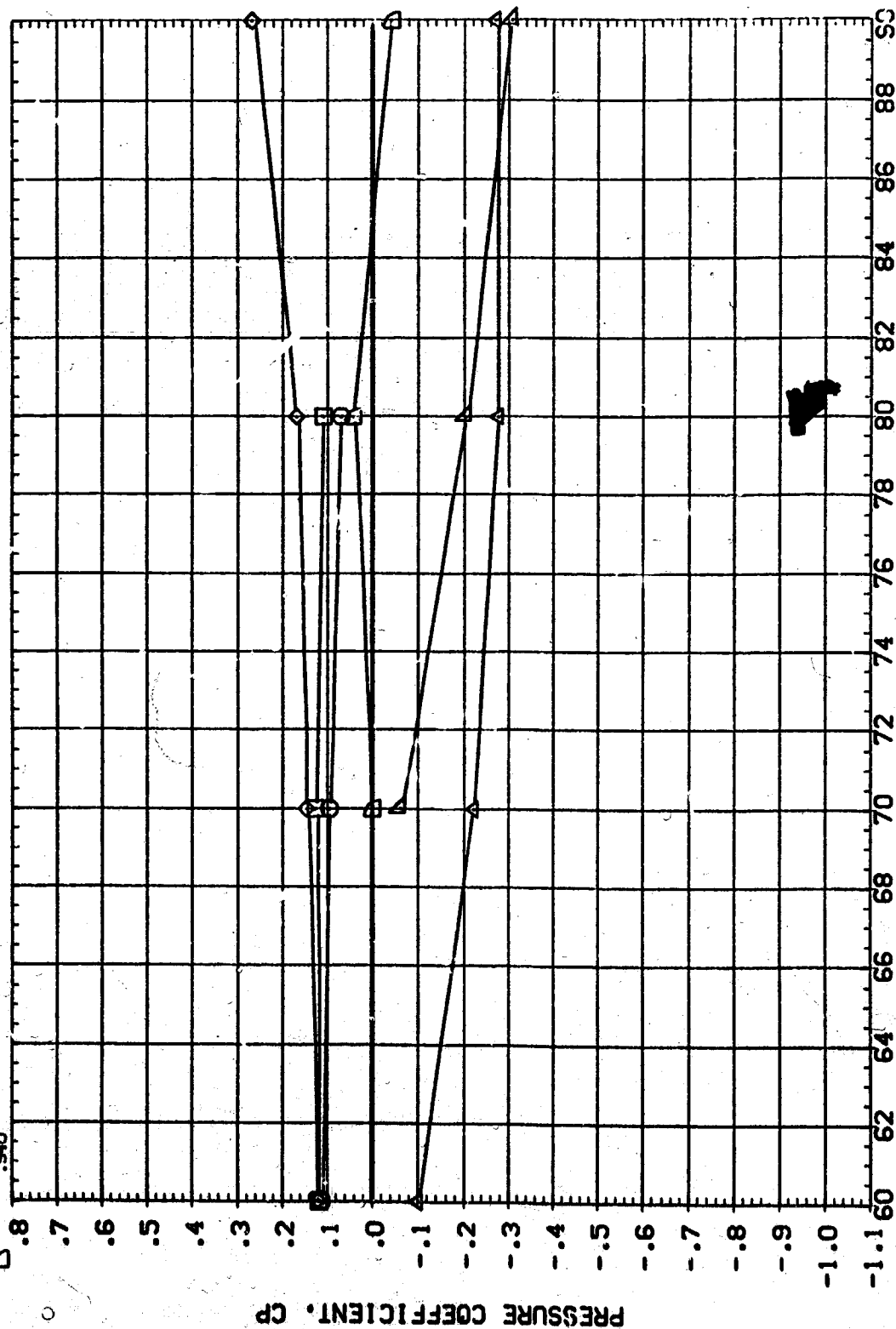
SYMBOL XL ALPHA MACH
 .087 10.730 1.251
 .12E
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SPEED	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDER	
□	.087	12.890	1.249	.000	.000	.000	-15.030
◇	.126			.000			.000
△	.164						
▽	.862						
△	.900						
▽	.940						



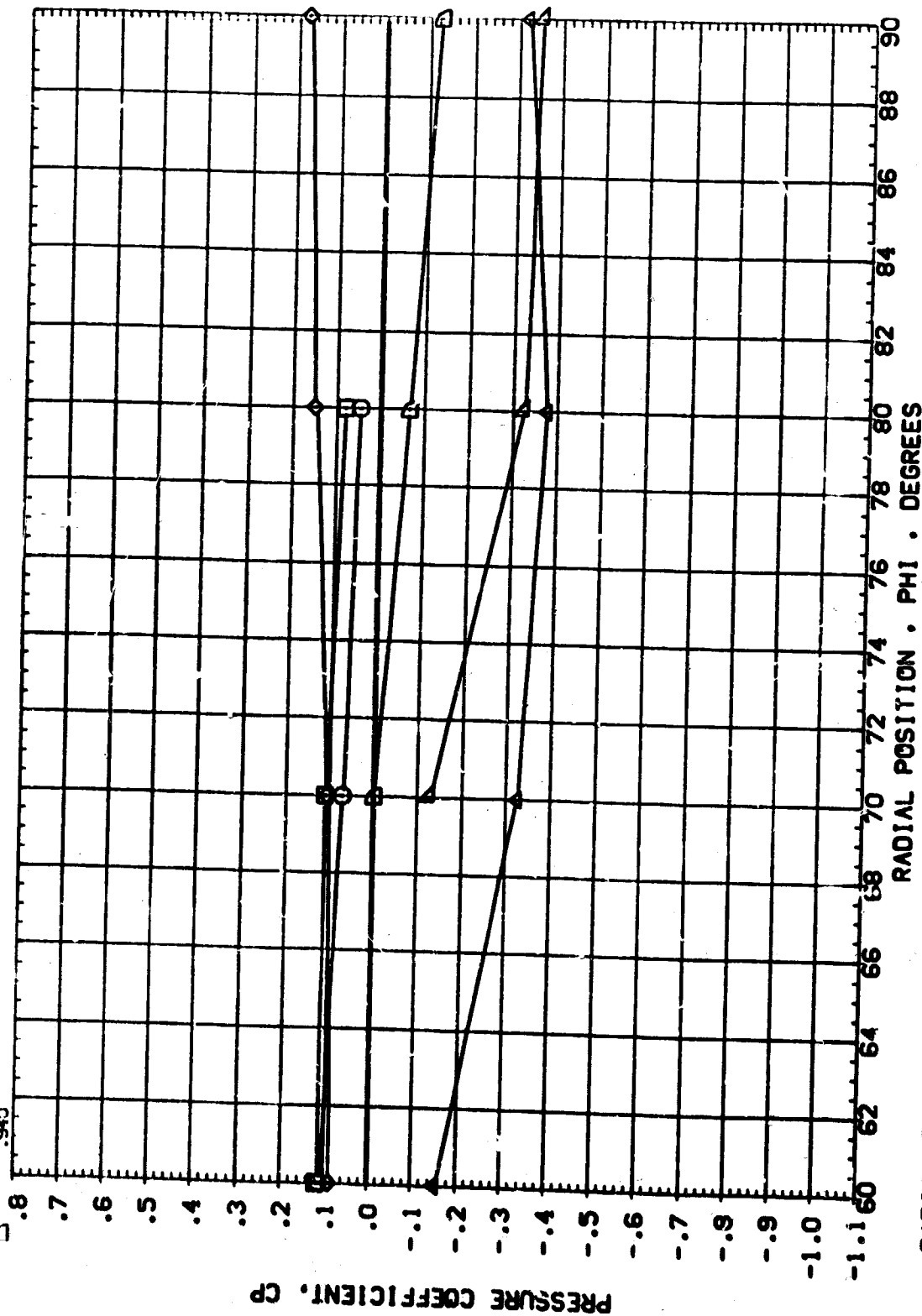
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYNOPSIS: X/L ALPHA MACH
.087 14.080 1.253
.126
.164
.862
.900
.940

PARAMETRIC VALUES
BETA .000 ELEVTR -15.000
ATLRON .000 RUDDER .000
RV/L 3.500

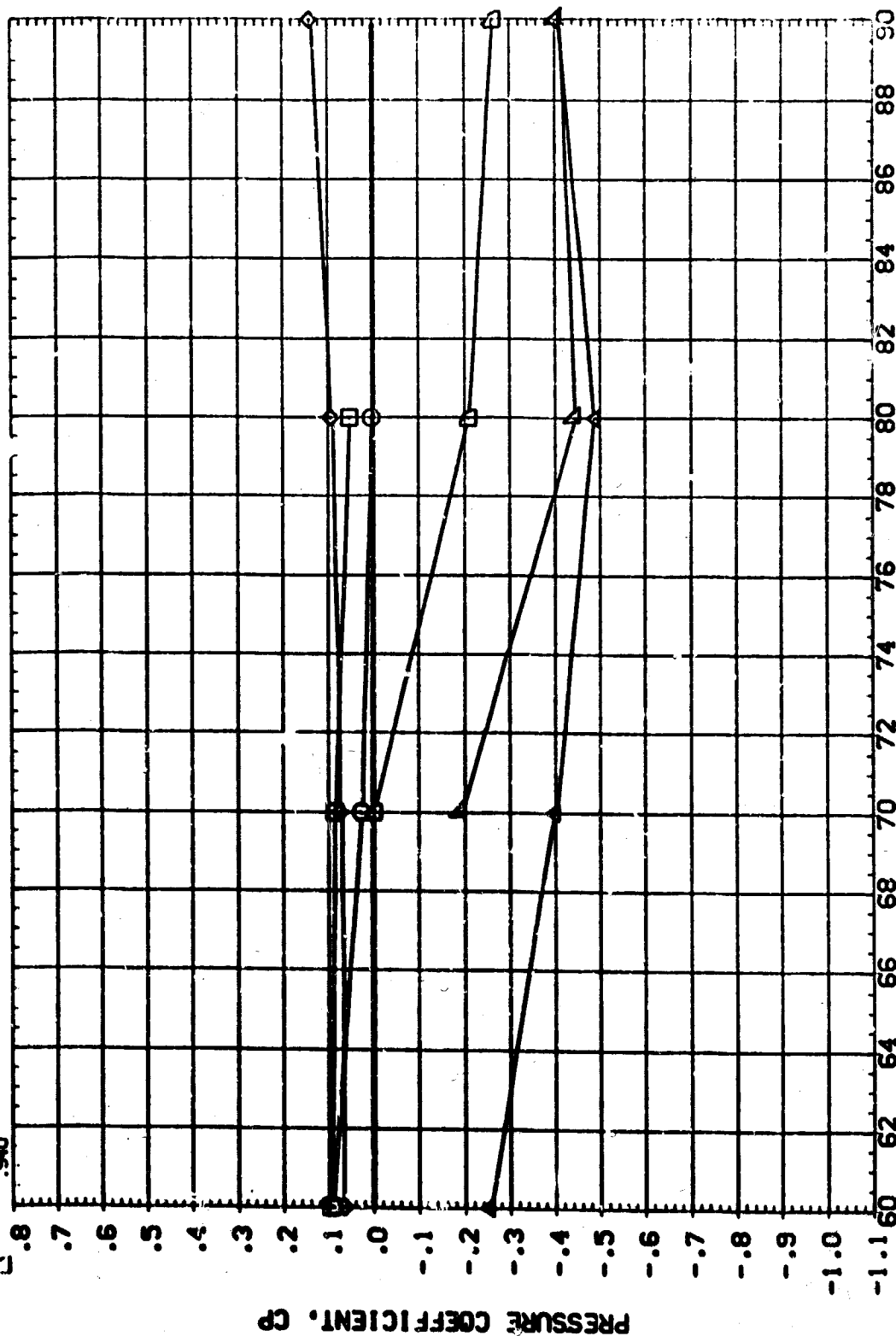


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RV/L 3.500

ALPHA MACH
 17.010 1.251
 .087
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

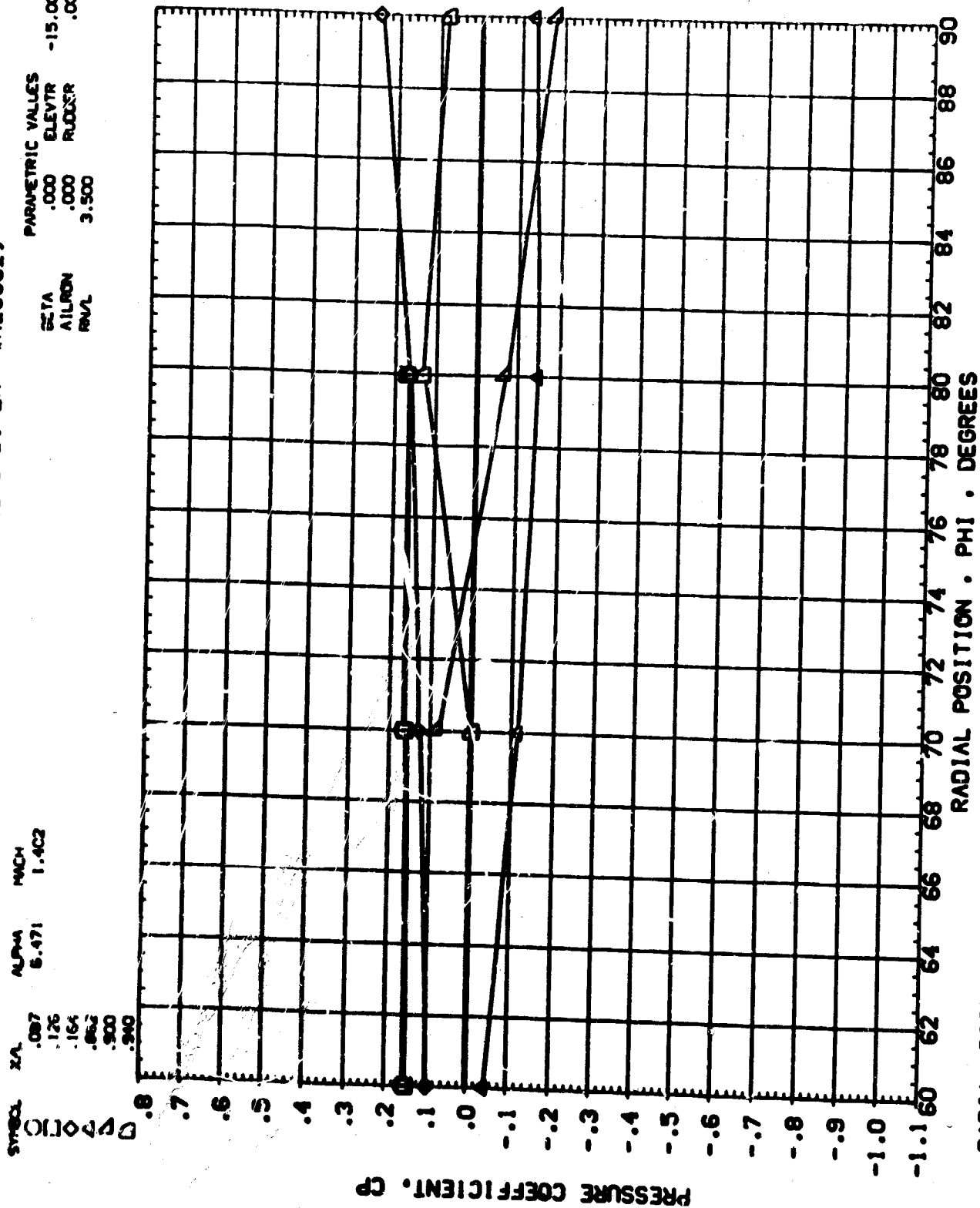
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

ZAL
 .087
 .126
 .164
 .862
 .900
 .940

ALPHA
 6.471

MACH
 1.402

PARAMETRIC VALUES
 GETA .000
 ELEVTR .000
 RUDDER .000
 RVAL 3.500



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

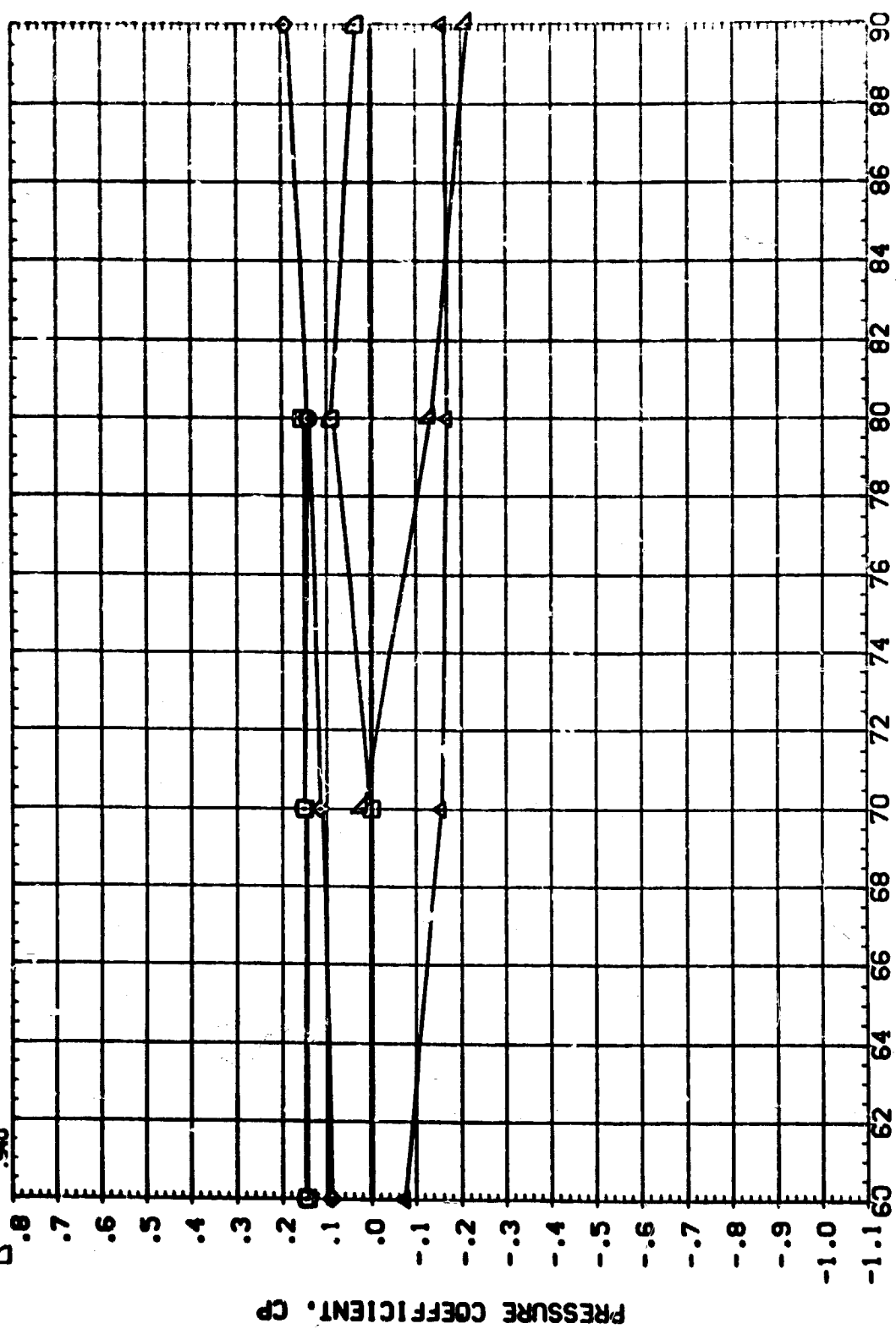
AVES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 .000 ELEVTR -15.000
 .000 RLOVER .000
 3.500

BETA
 AIRLON
 RVAL

ALPHA MACH
 6.575 1.401

SYMBOL X/L
 .087
 .126
 .164
 .182
 .200
 .240



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

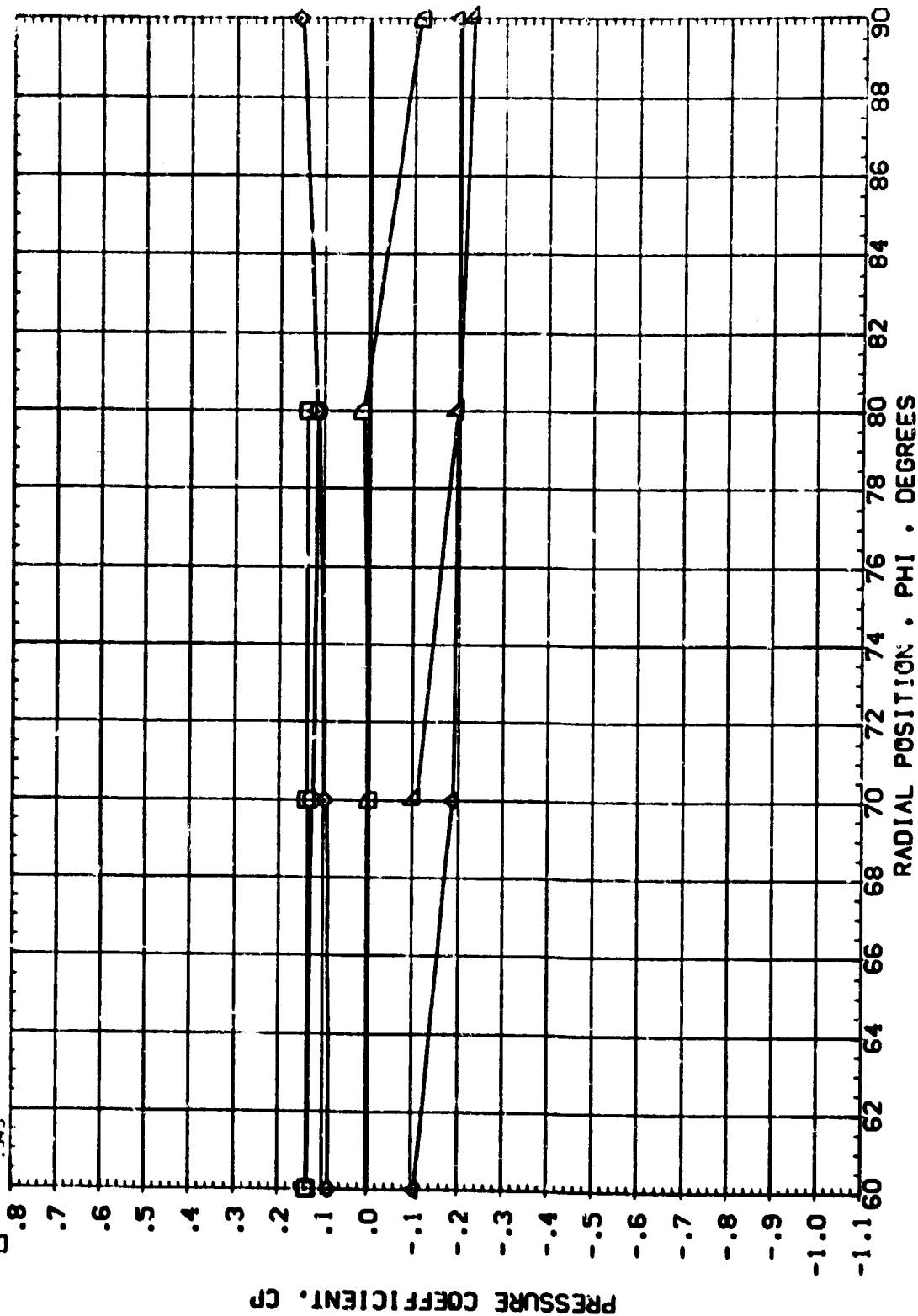
AMES 61-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

BETA
 AILRON
 RV/L

PARAMETRIC VALUES
 .00' ELEV R
 .00' RUDDER
 3.500

SYMBO
 X/L
 ALPHA
 MACH
 1.401

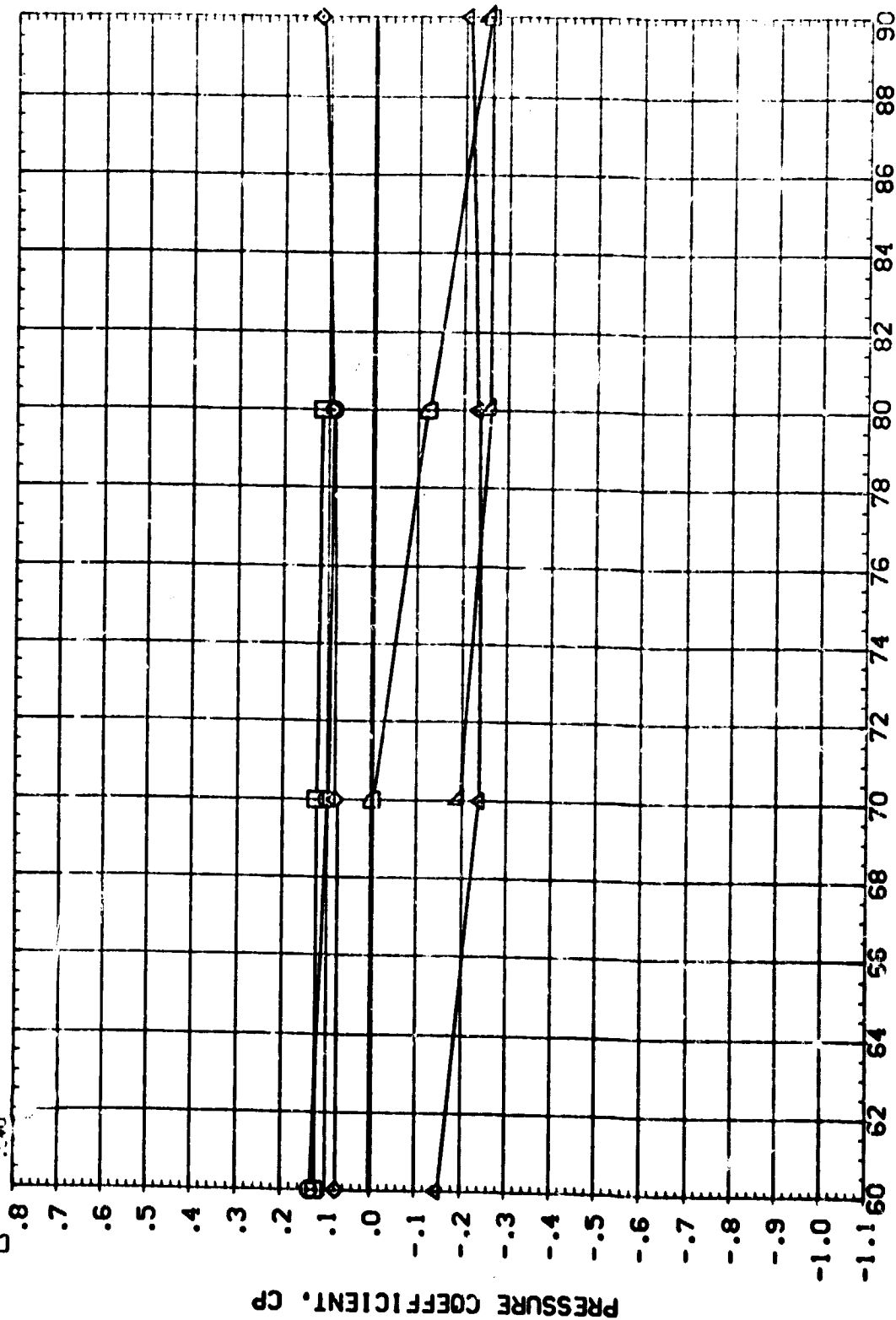
.087
 .126
 .164
 .182
 .900
 .943



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

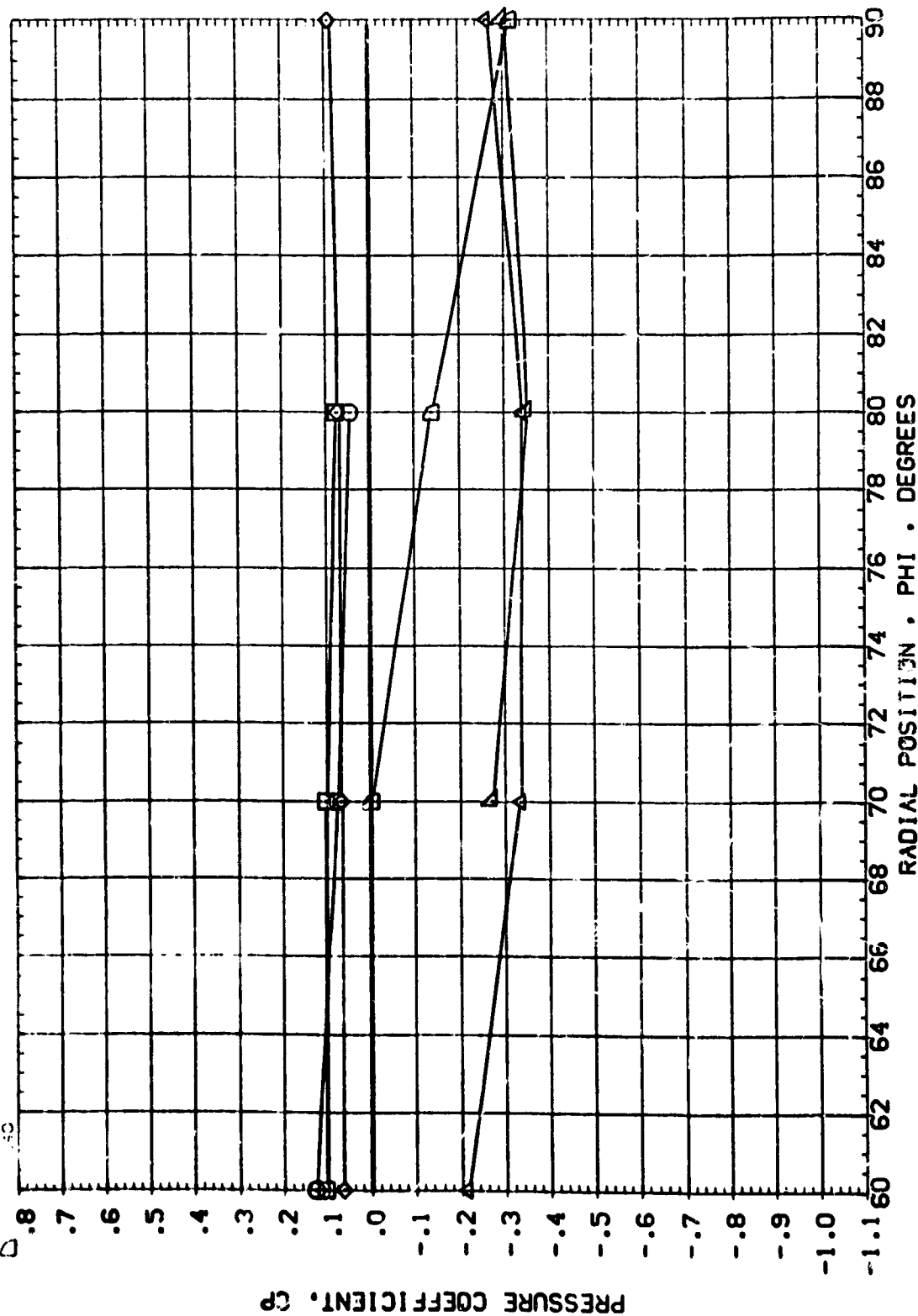
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	12.660	1.400	AILRON	.000
◇	.126			RUDDER	.000
△	.164			RV/L	3.500
▽	.862				
◇	.900				
▽	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

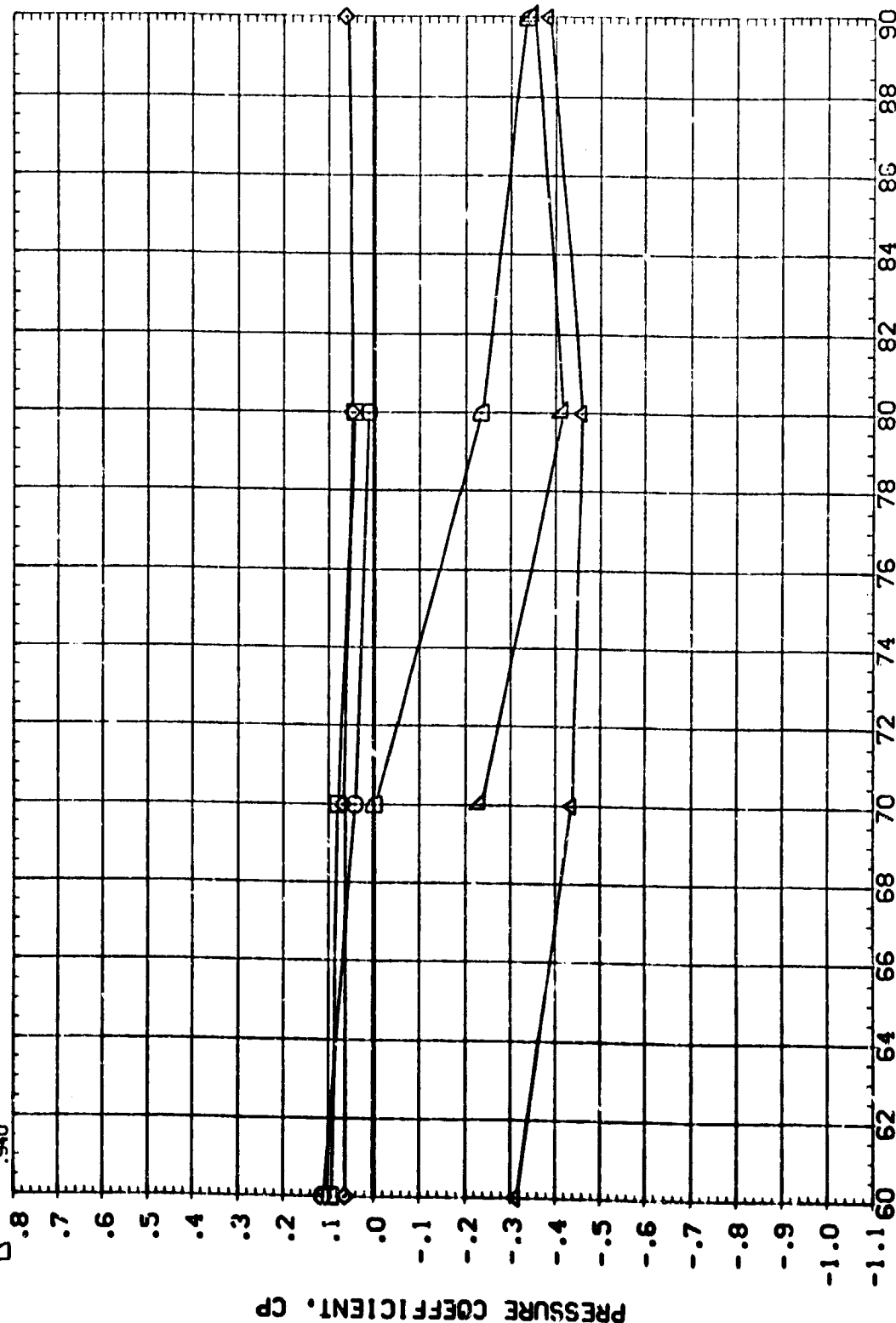
SVR	ALPHA	BETA	PARAMETRIC VALUES
0.087	14.630	.000	ELEVTR
0.126		.000	RLOOR
0.164		3.500	
0.632			
0.900			
1.500			



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 6G-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

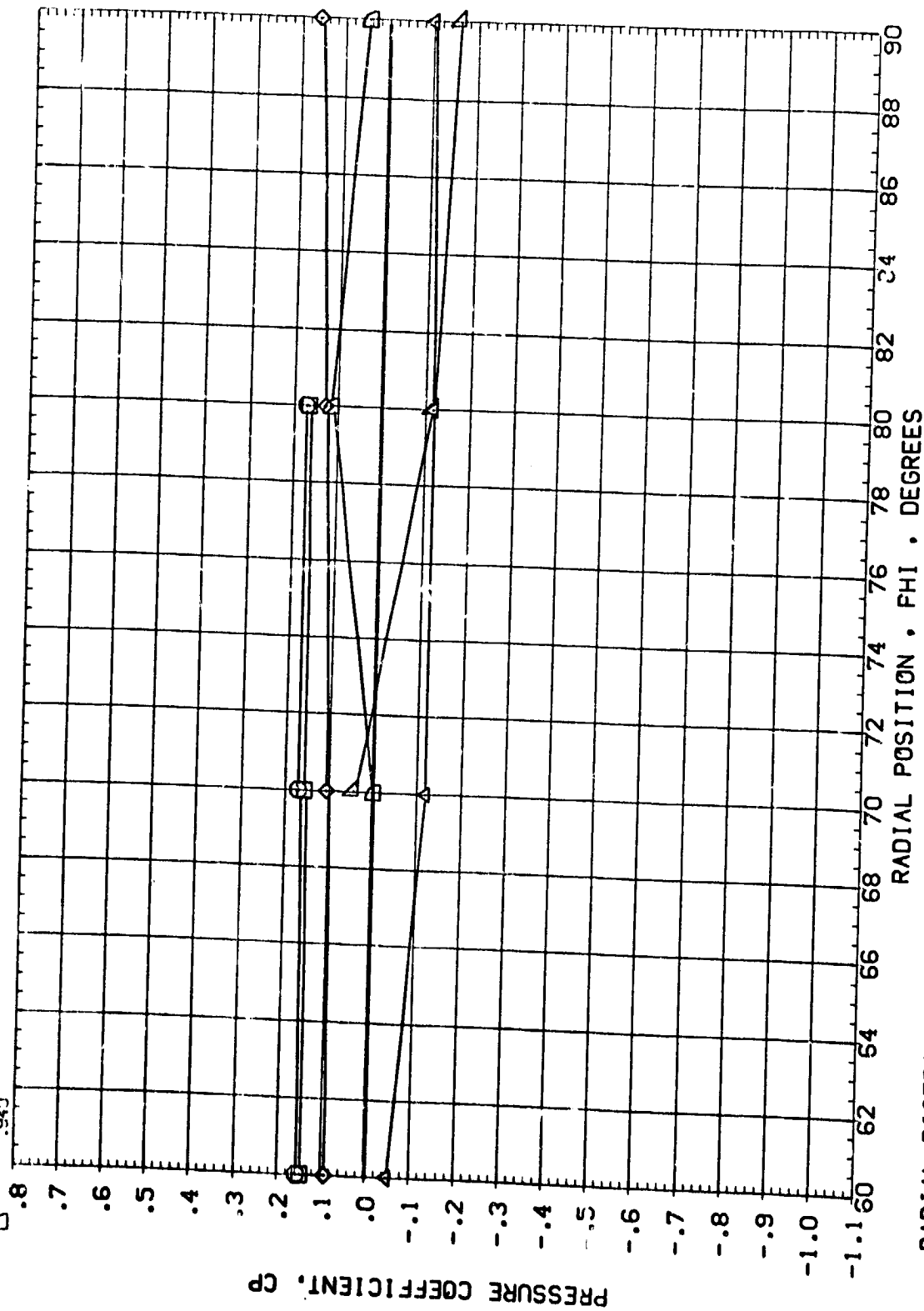
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	-15.000	
				AILRON	.000	RUDDER	.000
				RN/L	3.500		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

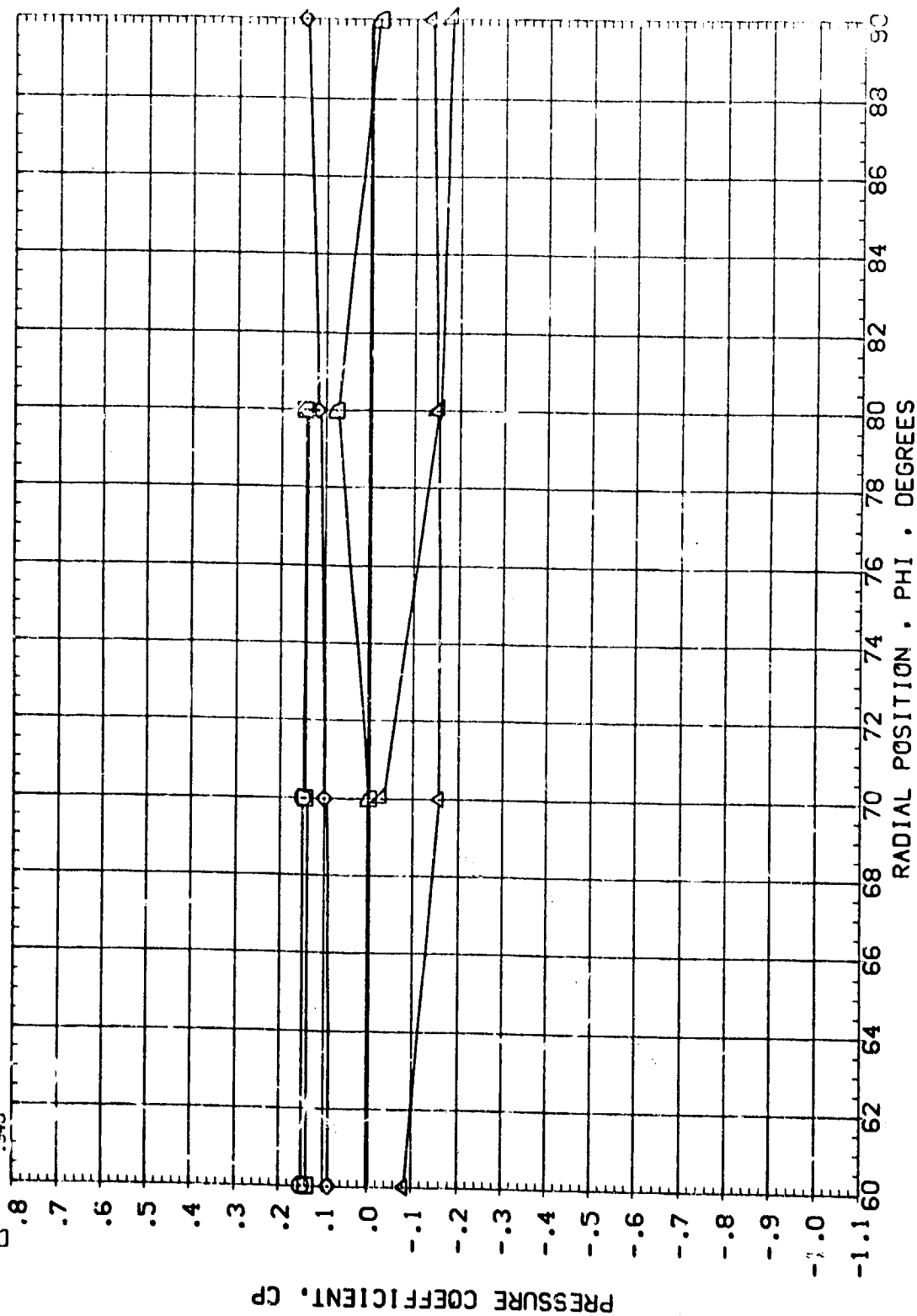
SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RV/L	PARAMETRIC VALUES
□	.087	6.300	1.501	.000	.000	3.500	ELEVTR
◇	.126			.000	.000		RUDDER
△	.164						
▽	.862						
◊	.900						
◻	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

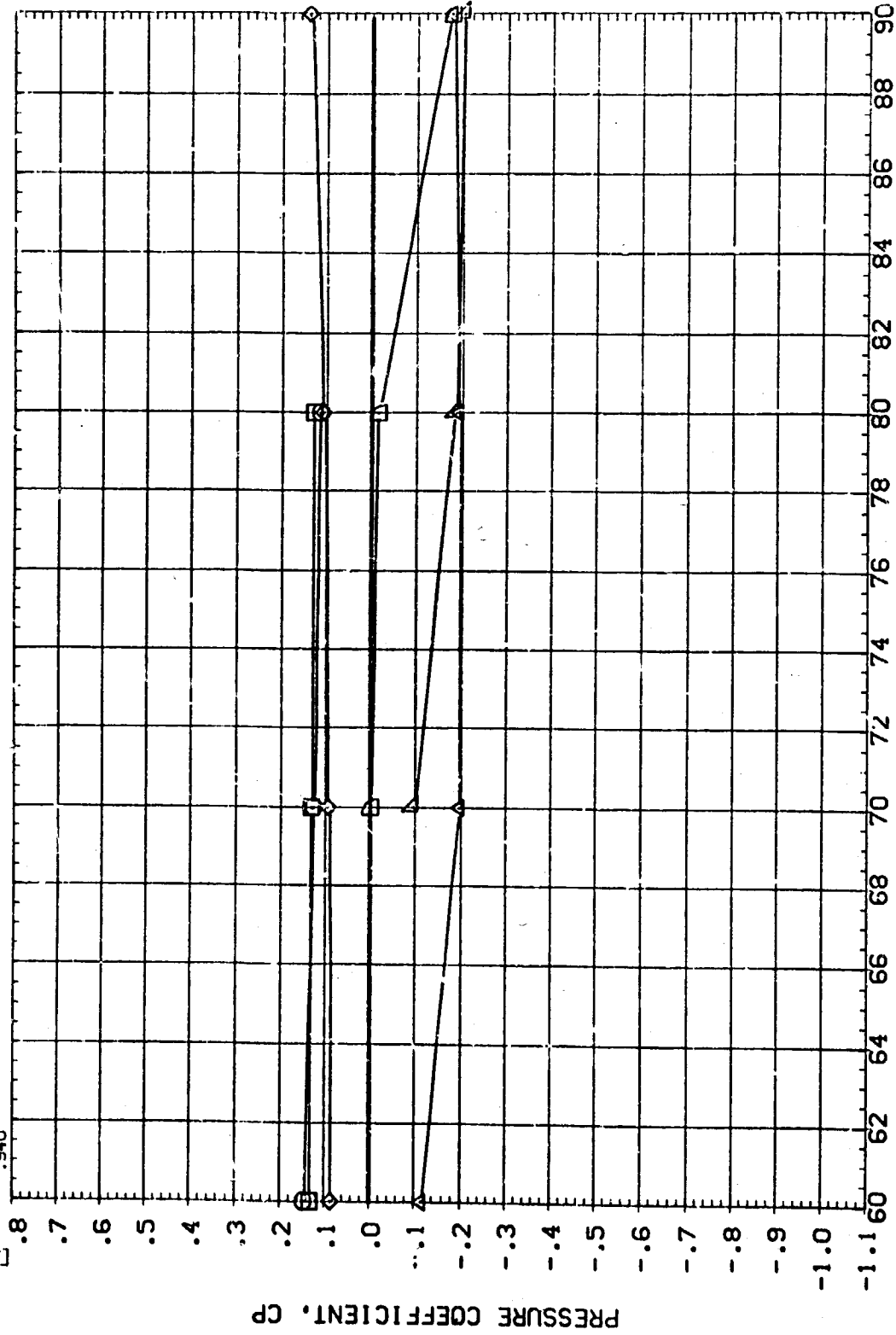
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	-15.000	
				ATLRON	.000	RUDDER	.000
				RN/L	3.500		



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RV/L 3.500

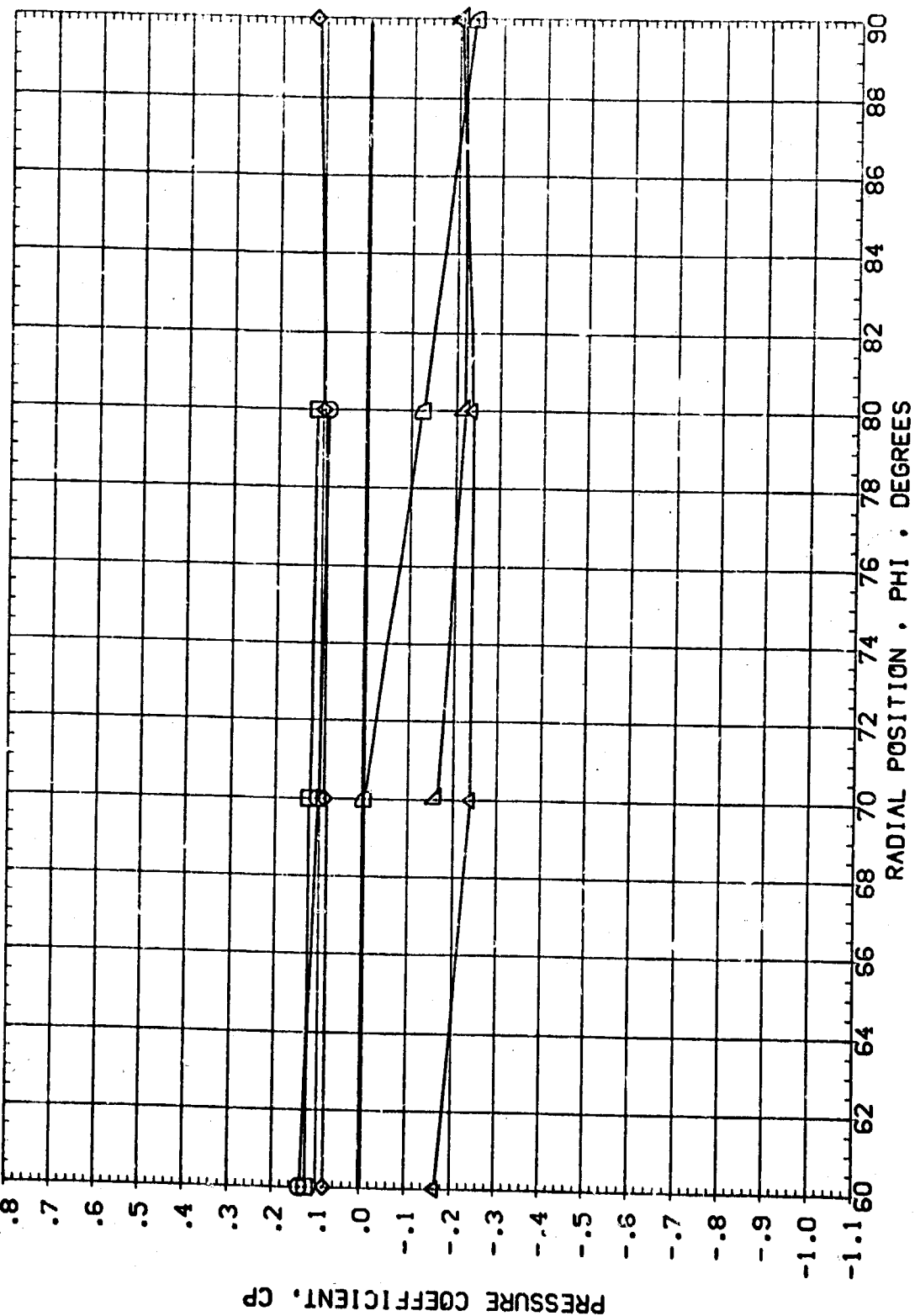
SYMBOL X/L ALPHA MACH
 .087 10.570 1.499
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	12.700	1.499	.000	ELEVTR
△	.126			.000	RUDDER
◇	.164			3.500	
▽	.862				
◇	.900				
△	.940				

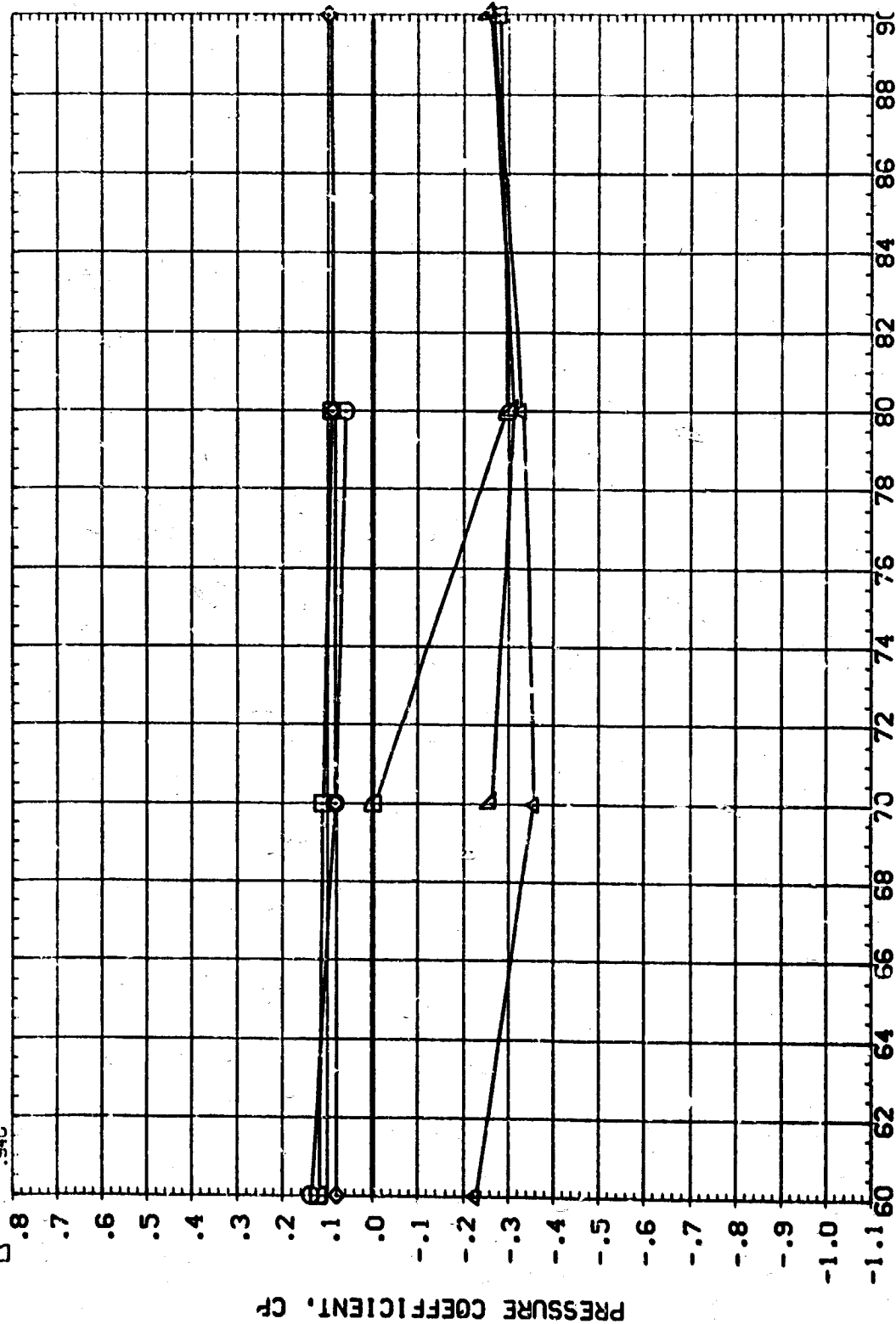


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RUDDER .000
 RV/L 3.500

SYN - X/L ALPHA MACH
 .087 14.780 1.500
 .126
 .164
 .862
 .900
 .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

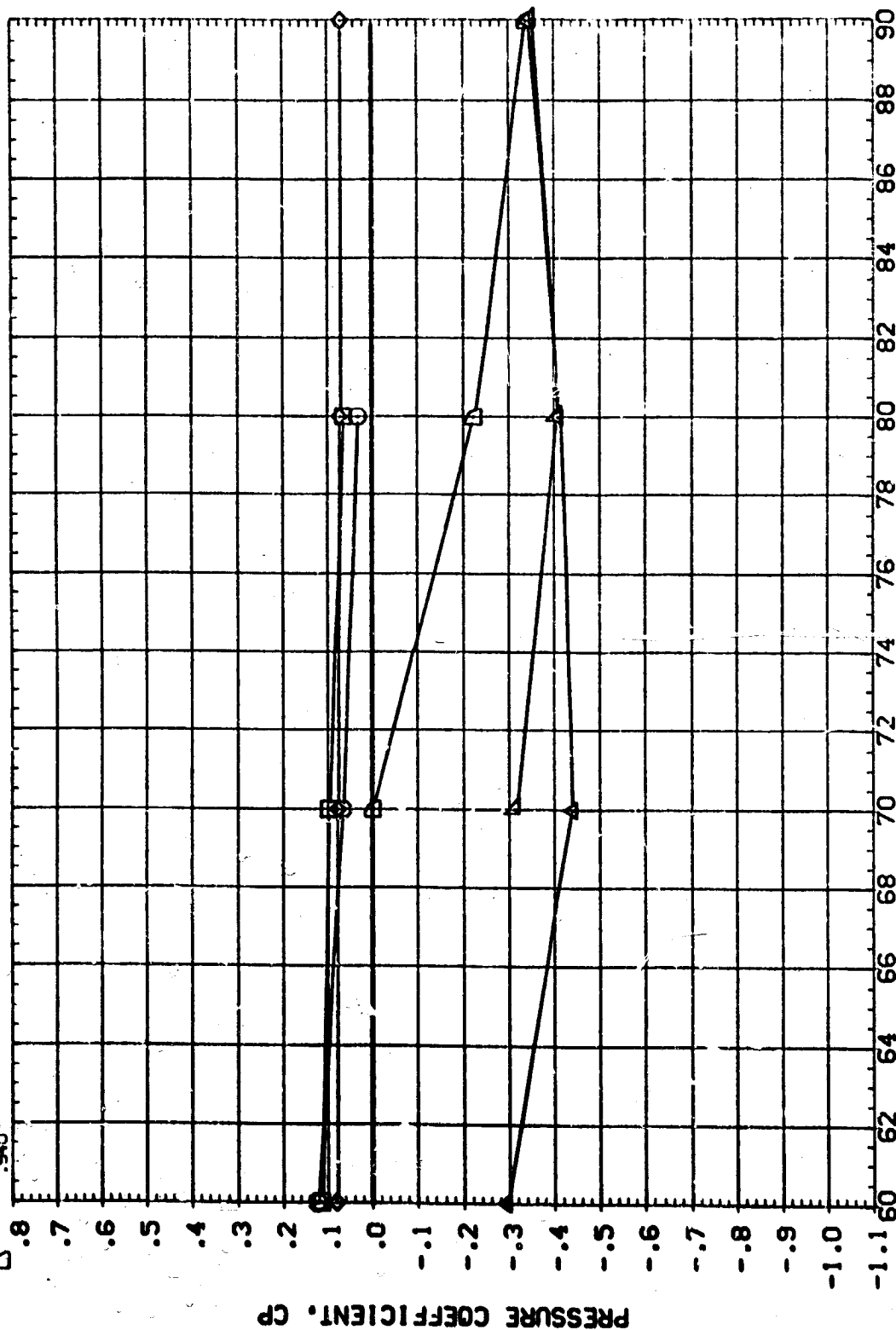
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES

BETA	ELEVTR	-15.000
.000	.000	.000
AILRON	RUDER	
RM/L	3.500	

SYMBOL X/L ALPHA MACH

SYMBOL	X/L	ALPHA	MACH
○	.087	15.830	1.500
□	.126		
△	.164		
▽	.862		
◇	.900		
◇	.940		

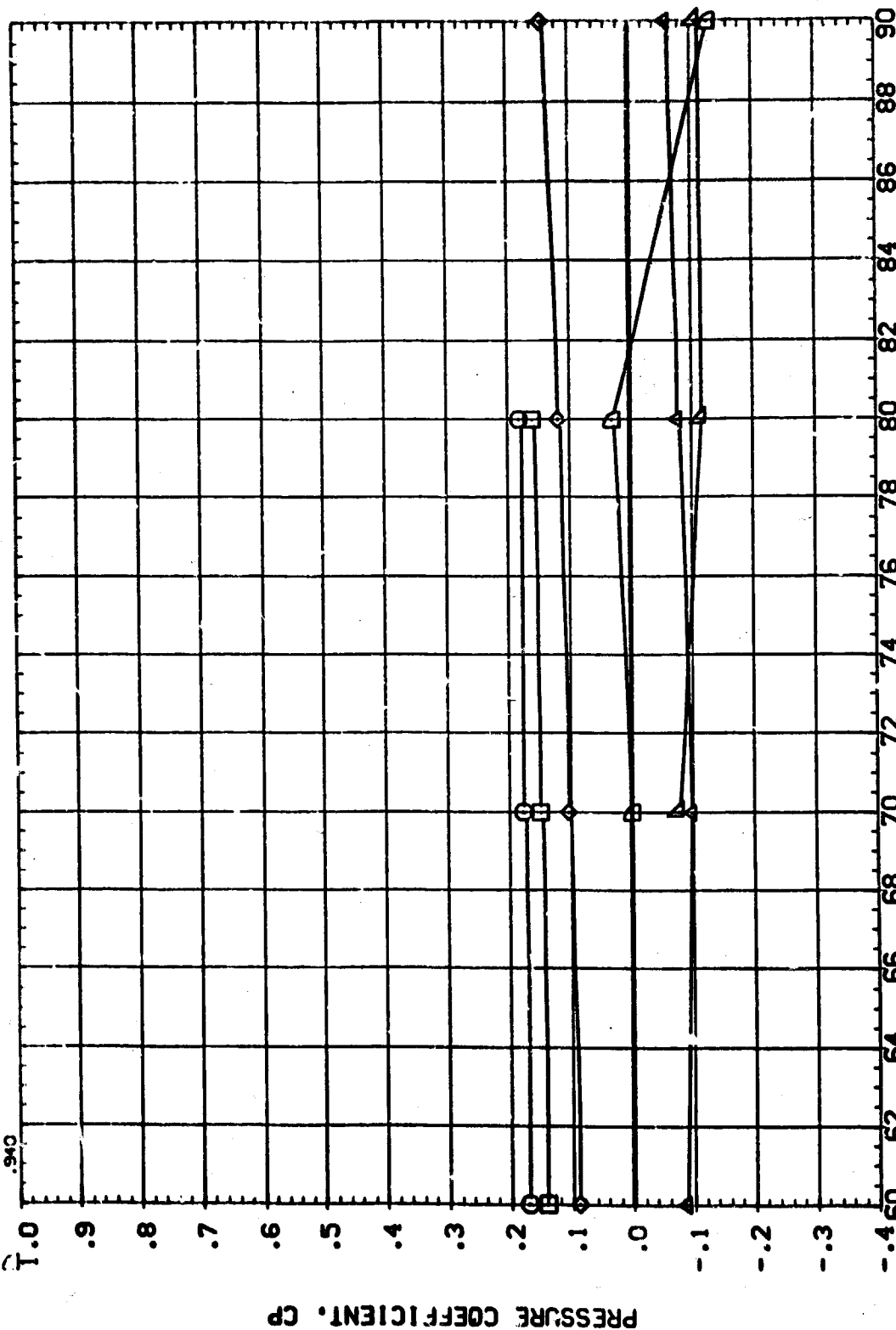


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL	XL	ALPHA	MACH	BETA	AILRON	RNVL	PARAMETRIC VALUES	ELEVTR	-15.00
	.087	6.321	1.753					RUDDER	.000
	.126								
	.154								
	.862								
	.900								
	.940								



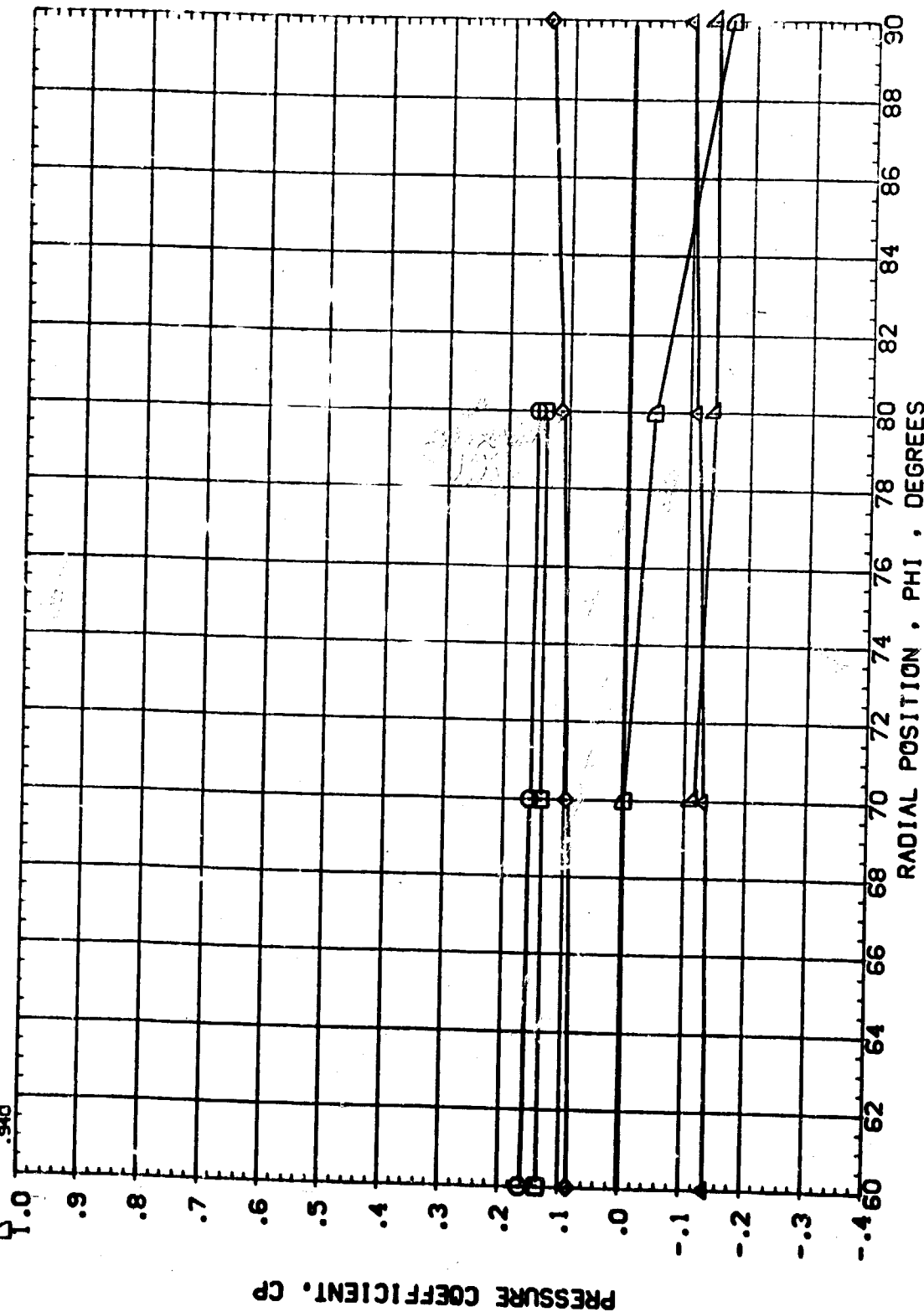
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL X/L
 .087
 .126
 .164
 .862
 .940

ALPHA MACH
 8.405 1.750

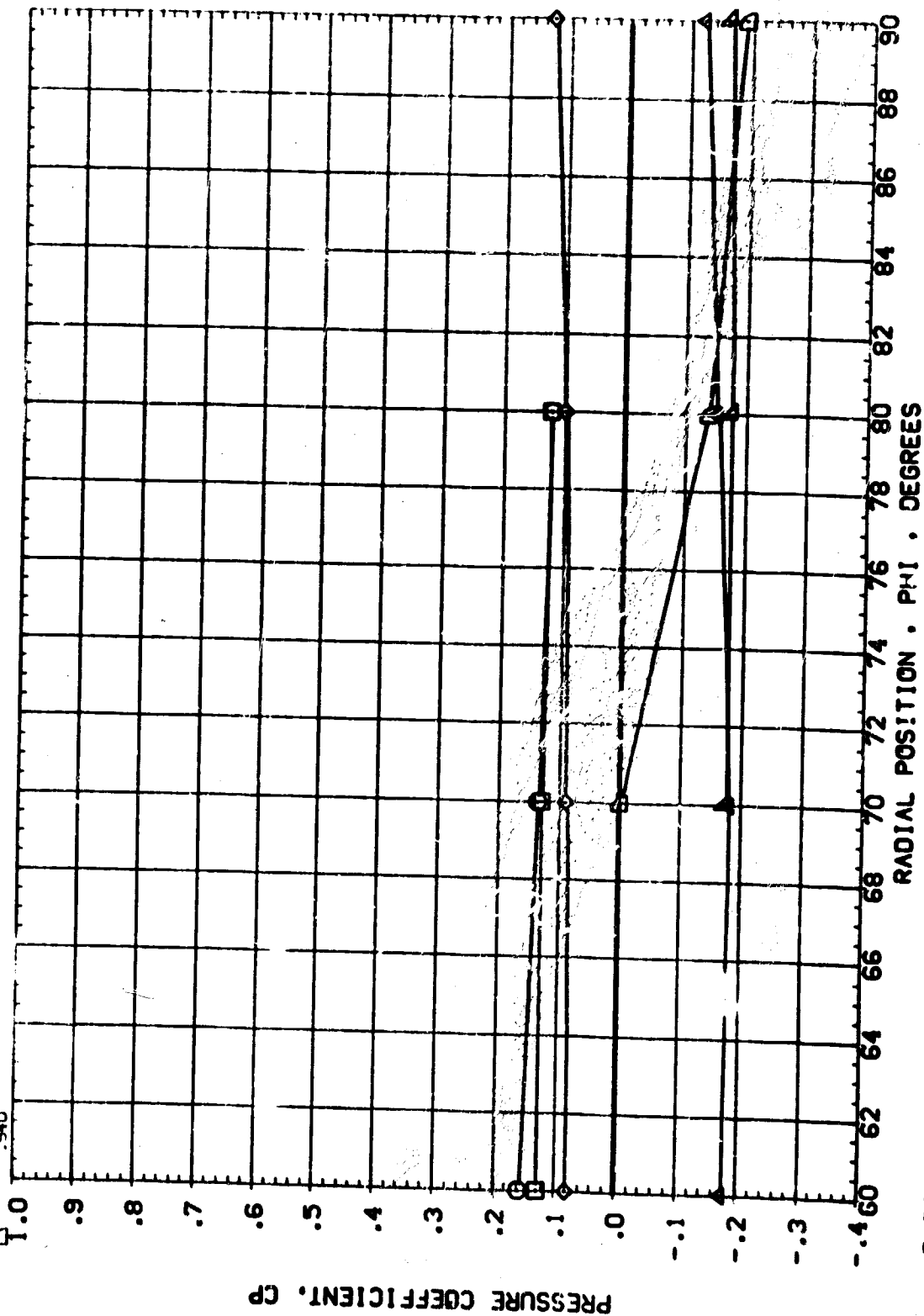
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 2.250
 ELEVTR -15.000
 RUDDER .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 63-530 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

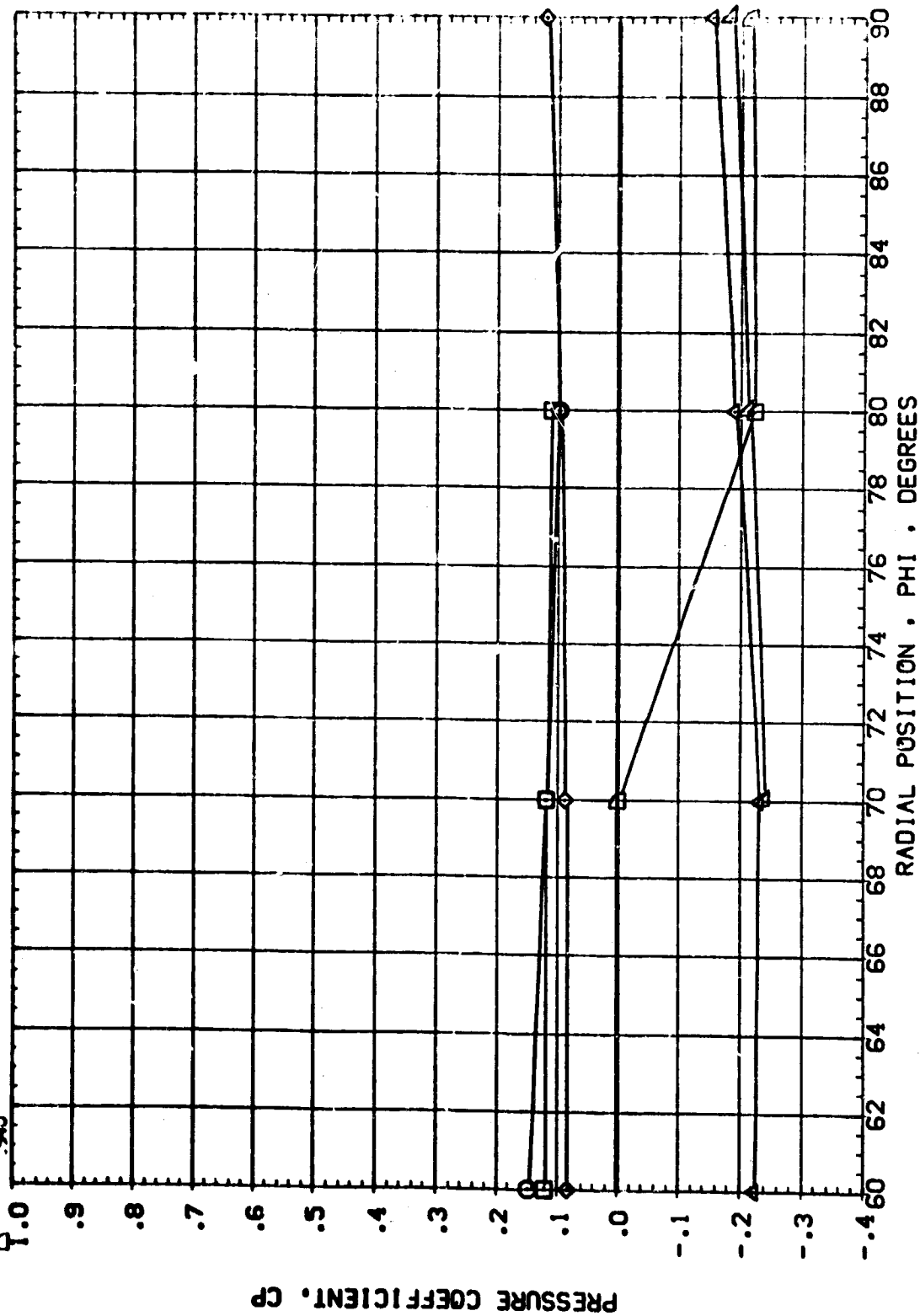
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	-15.000
□	.087	10.450	1.750	AILRON	.000	RLOOR	.000
△	.126			RN/L	2.250		
△	.164						
△	.162						
△	.900						
△	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECOO1)

SYMBOL	ALPHA	MACH	BETA	PARAMETRIC VALUES
0.087	12.950	1.750	.000	ELEVTR -15.000
.126			.000	RUDER .000
.164			2.250	
.862				
.900				
.940				



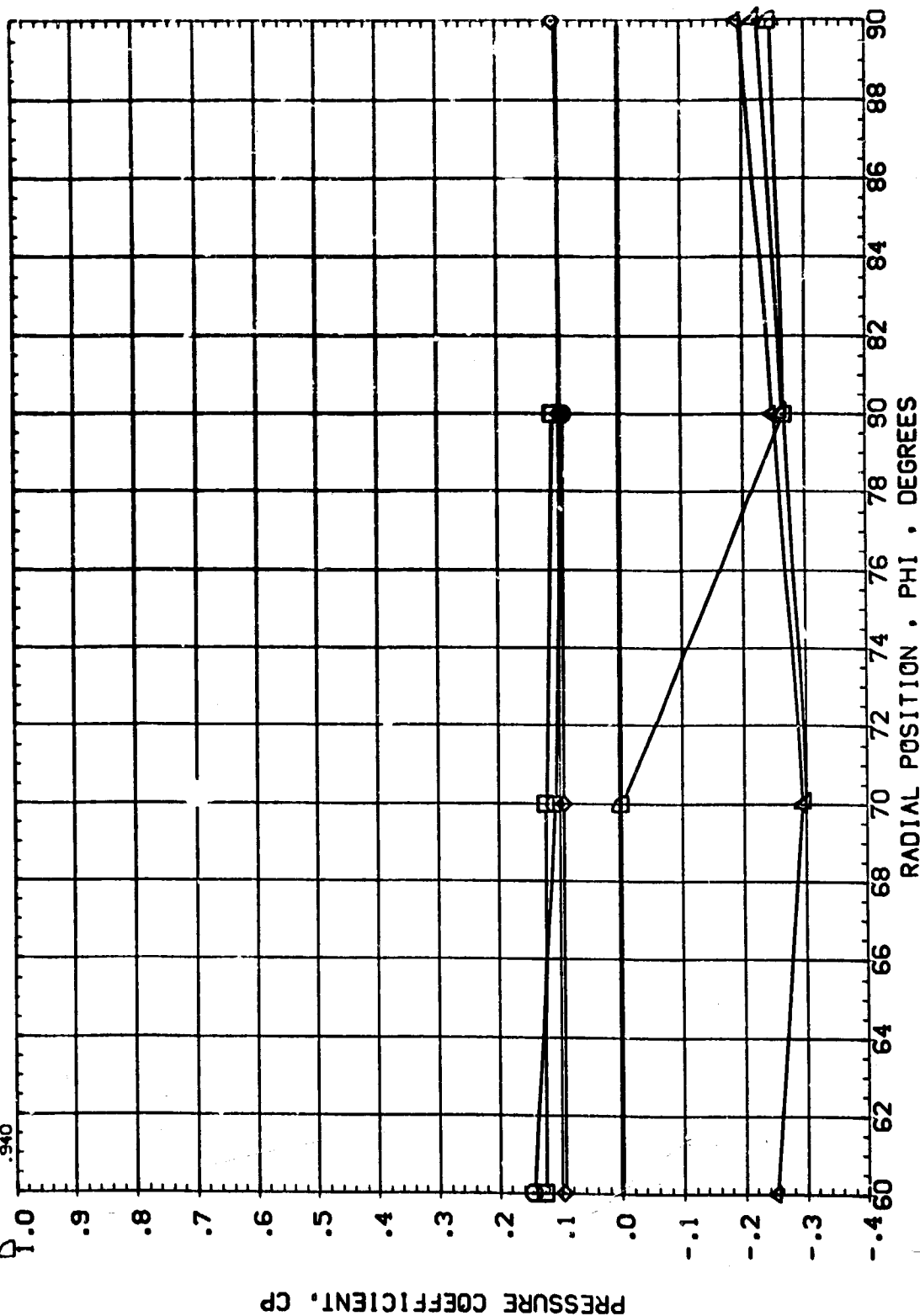
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

PARAMETRIC VALUES
BETA .000 ELEVTR -15.000
ALURON .000 RUDDER .000
RW/L 2.250

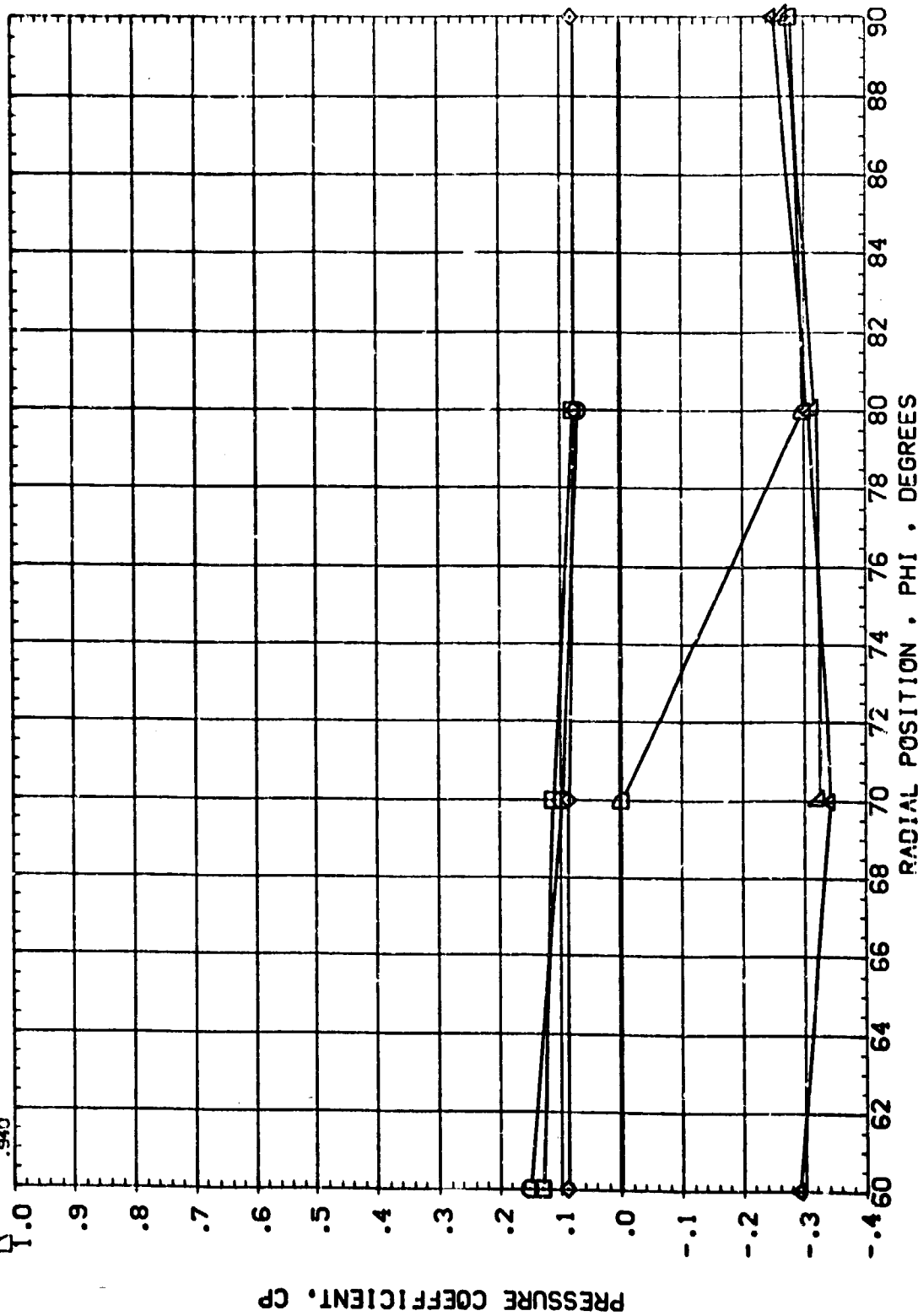
SYMBOL X/L ALPHA MACH
○ .087
□ .126
◇ .164
△ .862
▽ .900
▽ .940



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.087	16.600	1.750	.000	ELEVTR
◇	.126			.000	R.000R
△	.164			2.250	
▽	.852				
▽	.900				
▽	.940				

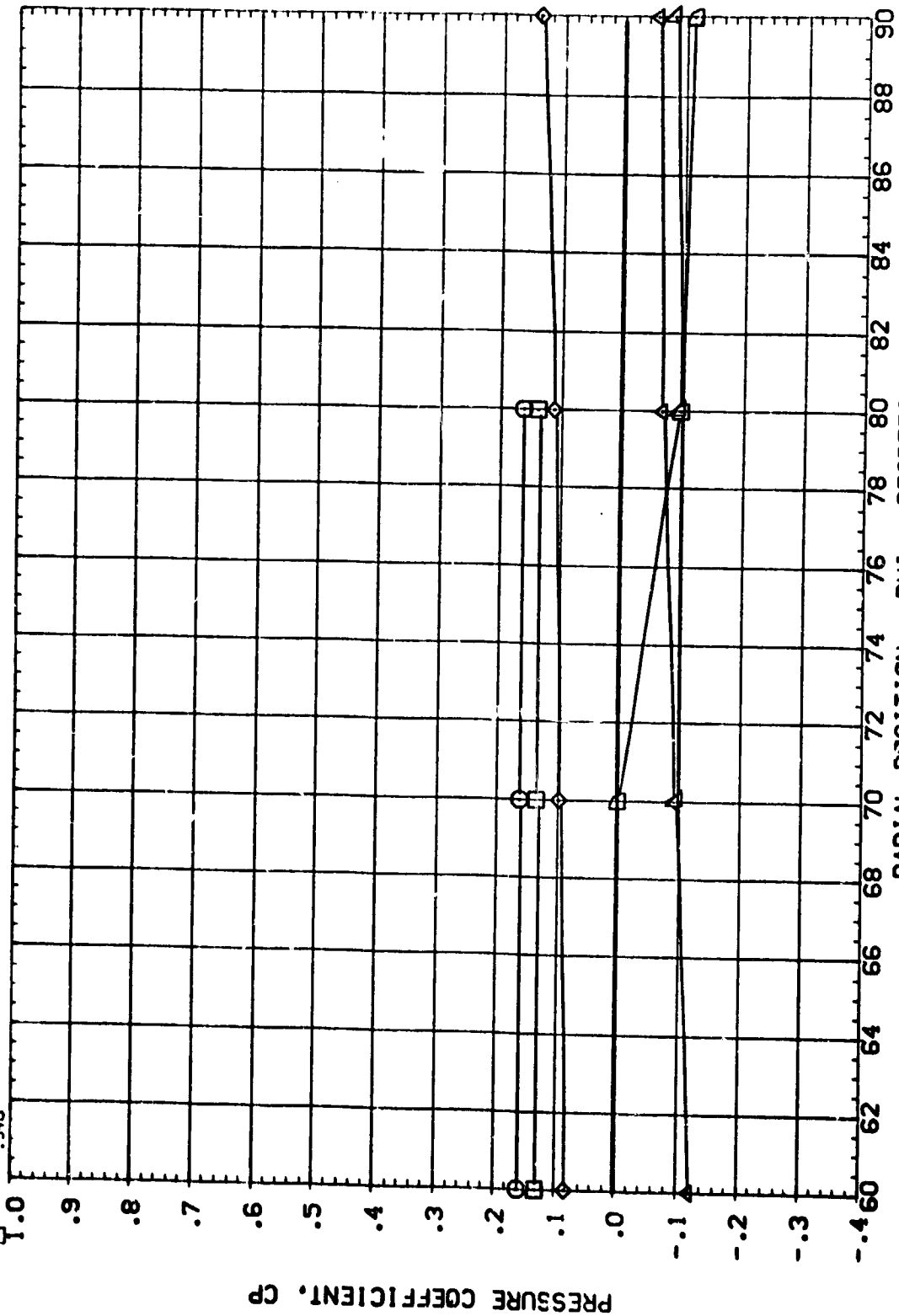


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMEL 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RV/L 2.250

ALPHA 6.785 MACH 2.020
 V/L .087
 .126
 .164
 .862
 .900
 .943

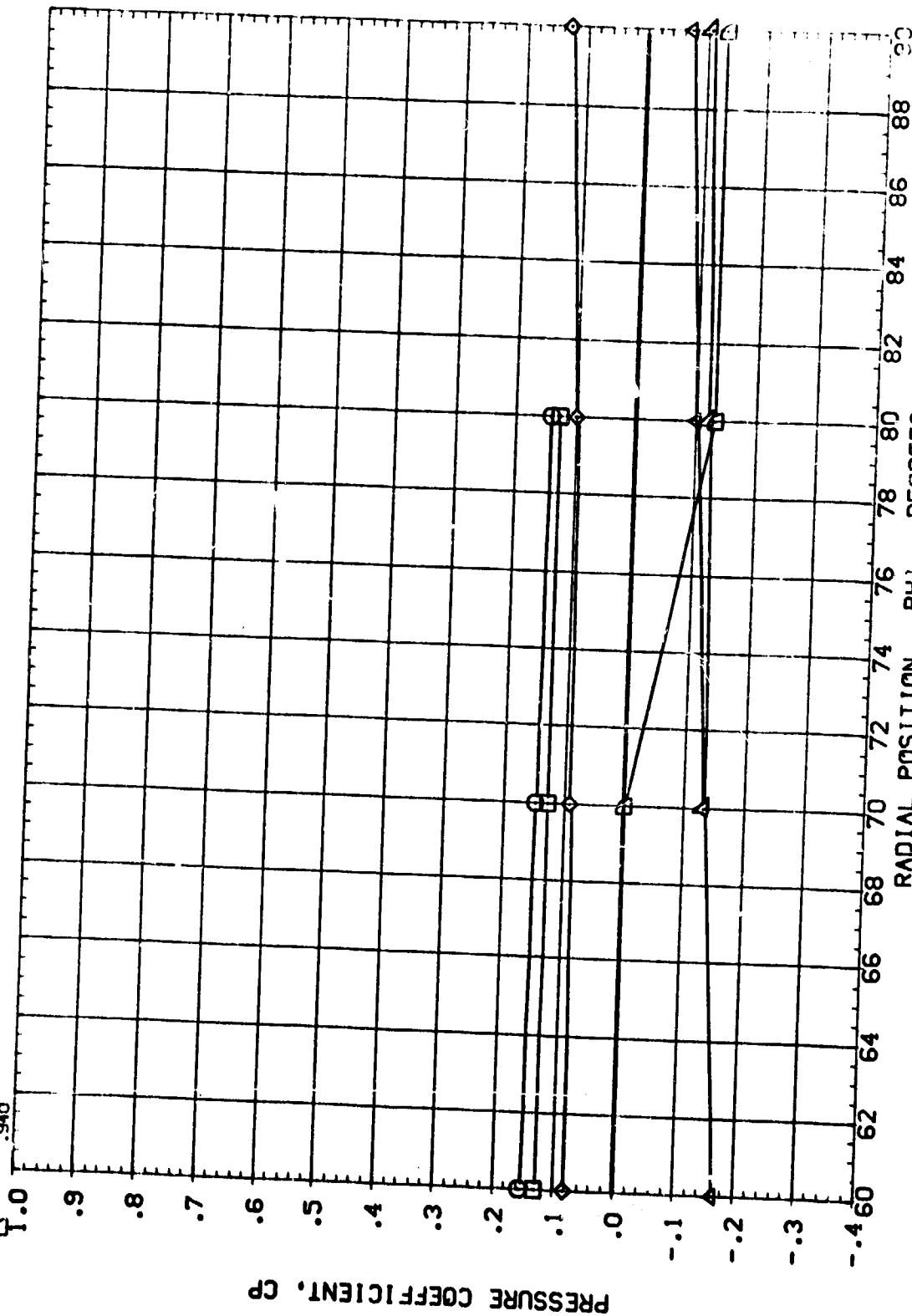


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

SYMBOL X/L ALPHA MACH
 □ .087
 □ .126
 □ .164
 □ .862
 □ .900
 □ .940

PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 2.250
 ELEVTR -15.000
 RUDDER .000

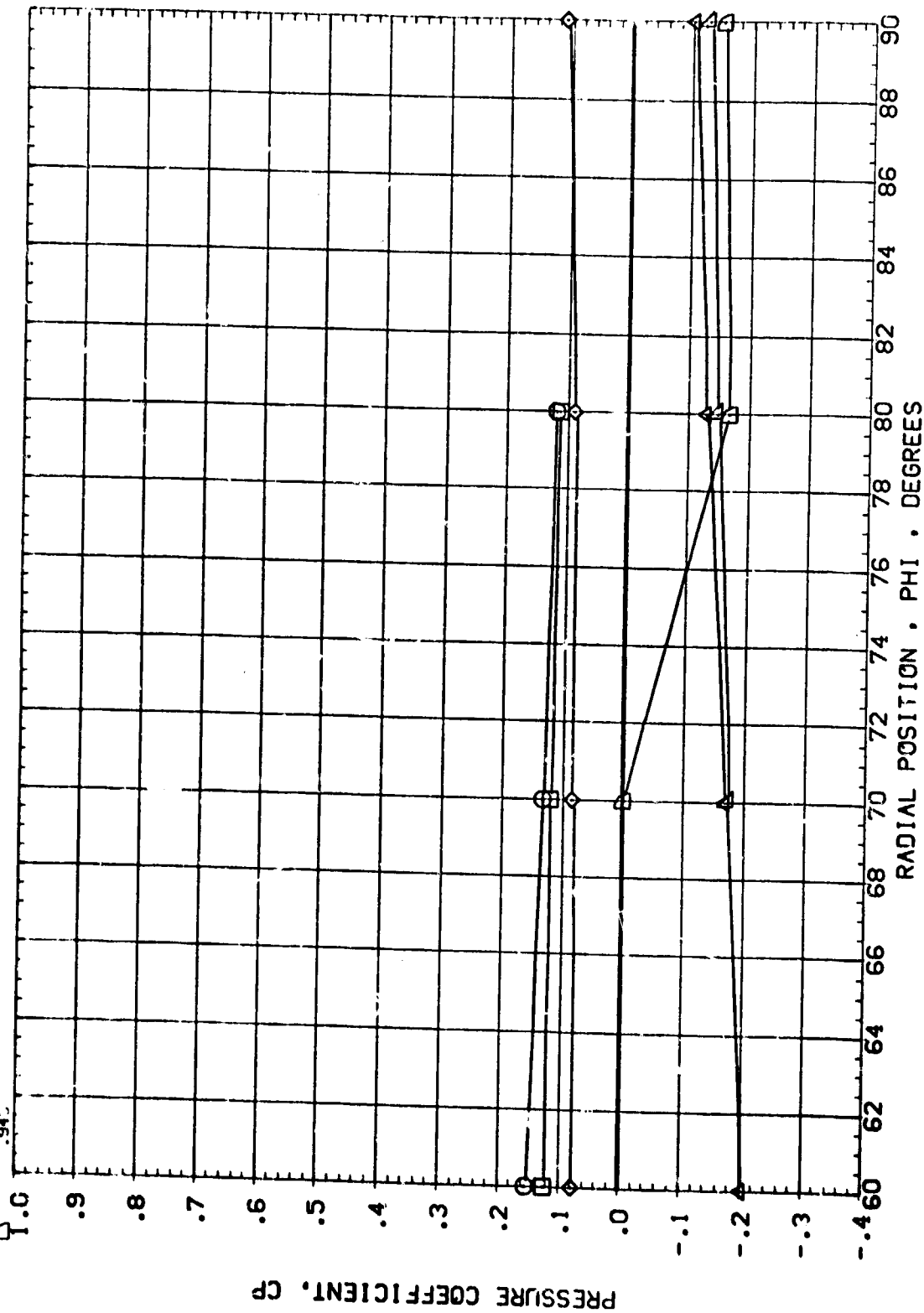


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

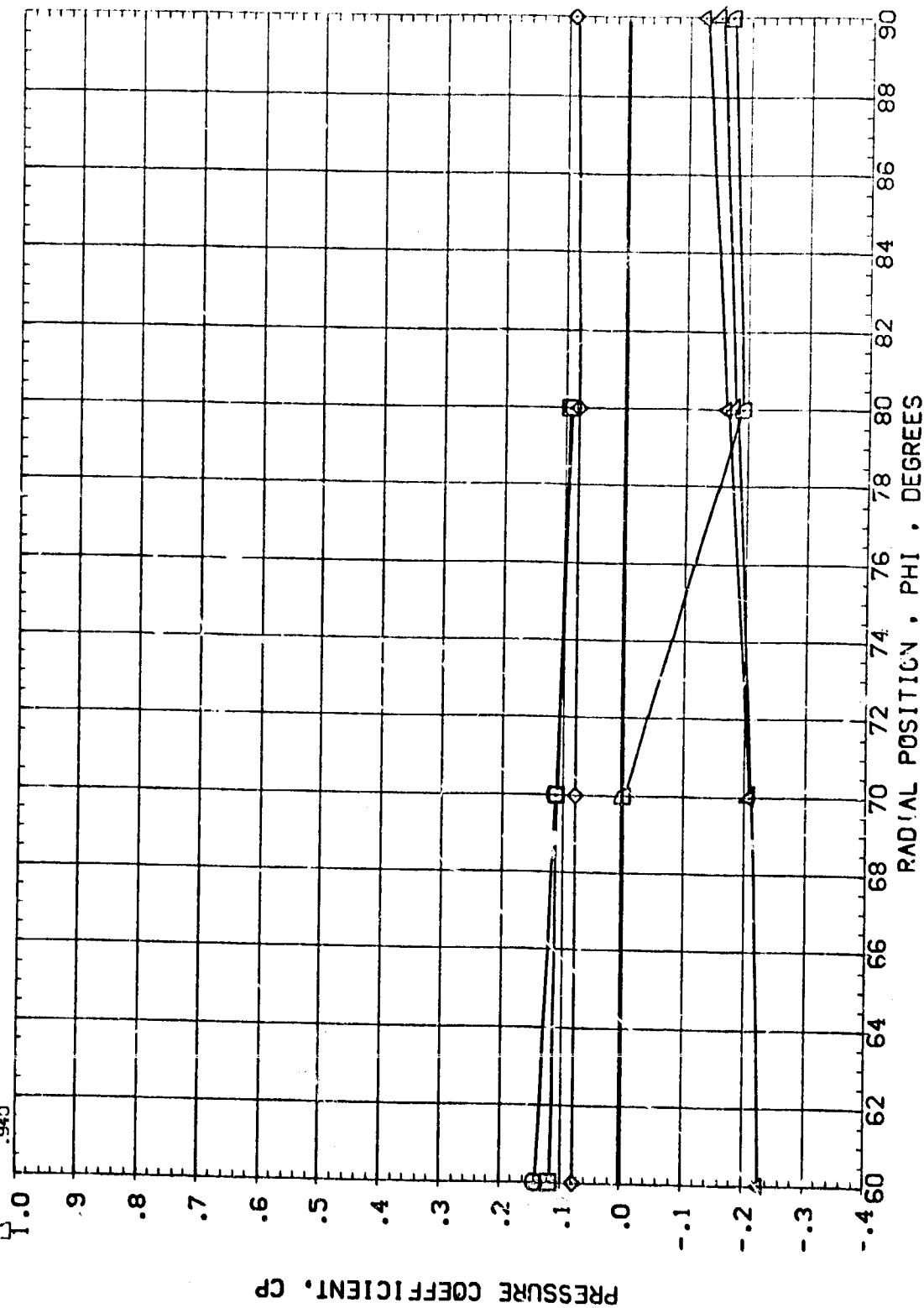
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
	.087	10.950	2.018	.000	ELEVTR
	.126			.000	RUDDER
	.164			2.250	
	.862				
	.900				
	.940				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

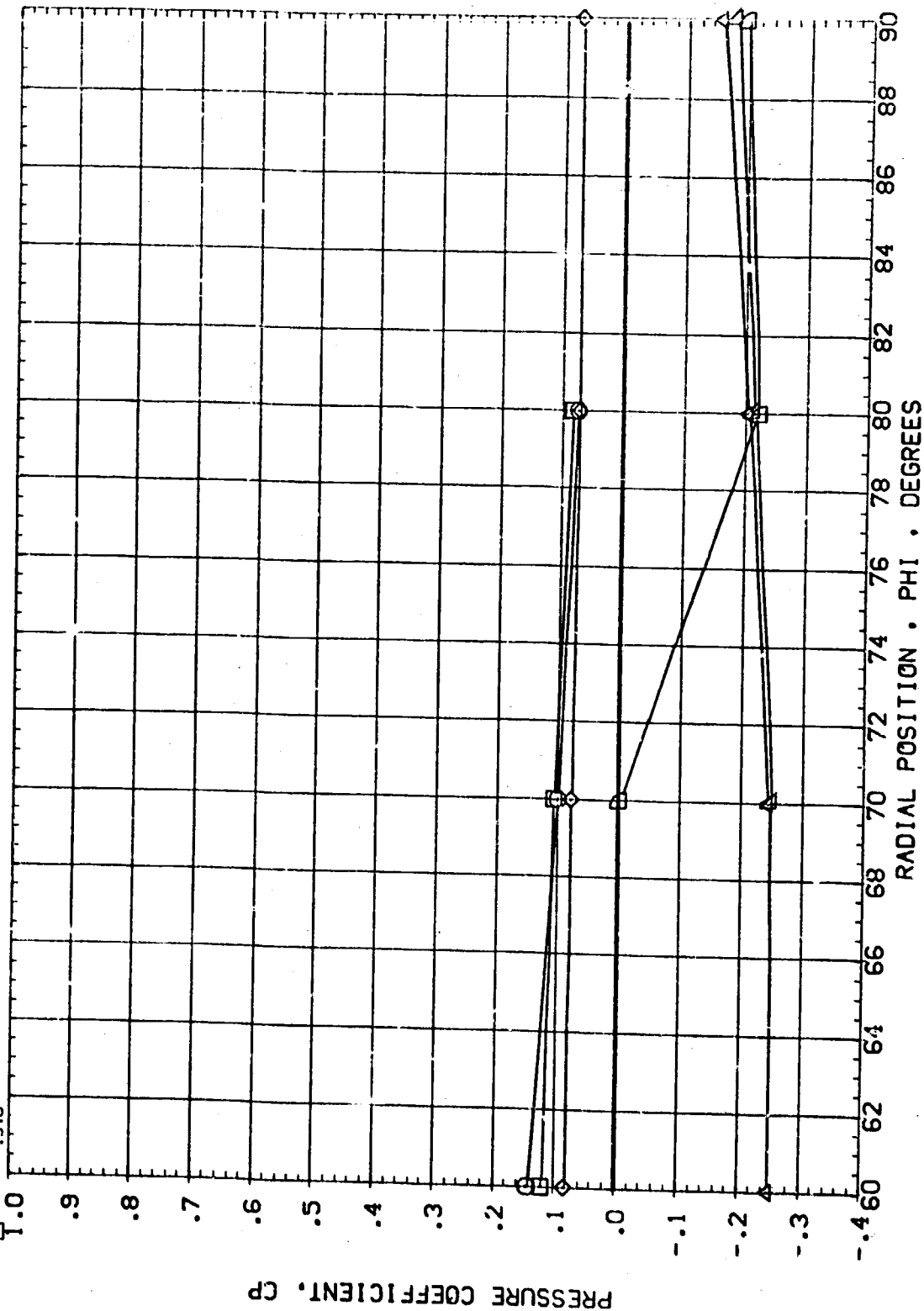
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RJDDER	
○	.087	13.010	2.020	.000	.000	2.250	-15.000
□	.126			.000			.000
◇	.164						
△	.862						
▽	.900						
▽	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	CCU
□	.087	15.020	2.019	.000	.000	.000	.000
◇	.126			.000			
▽	.164			2.250			
△	.852						
▽	.910						
◇	.940						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

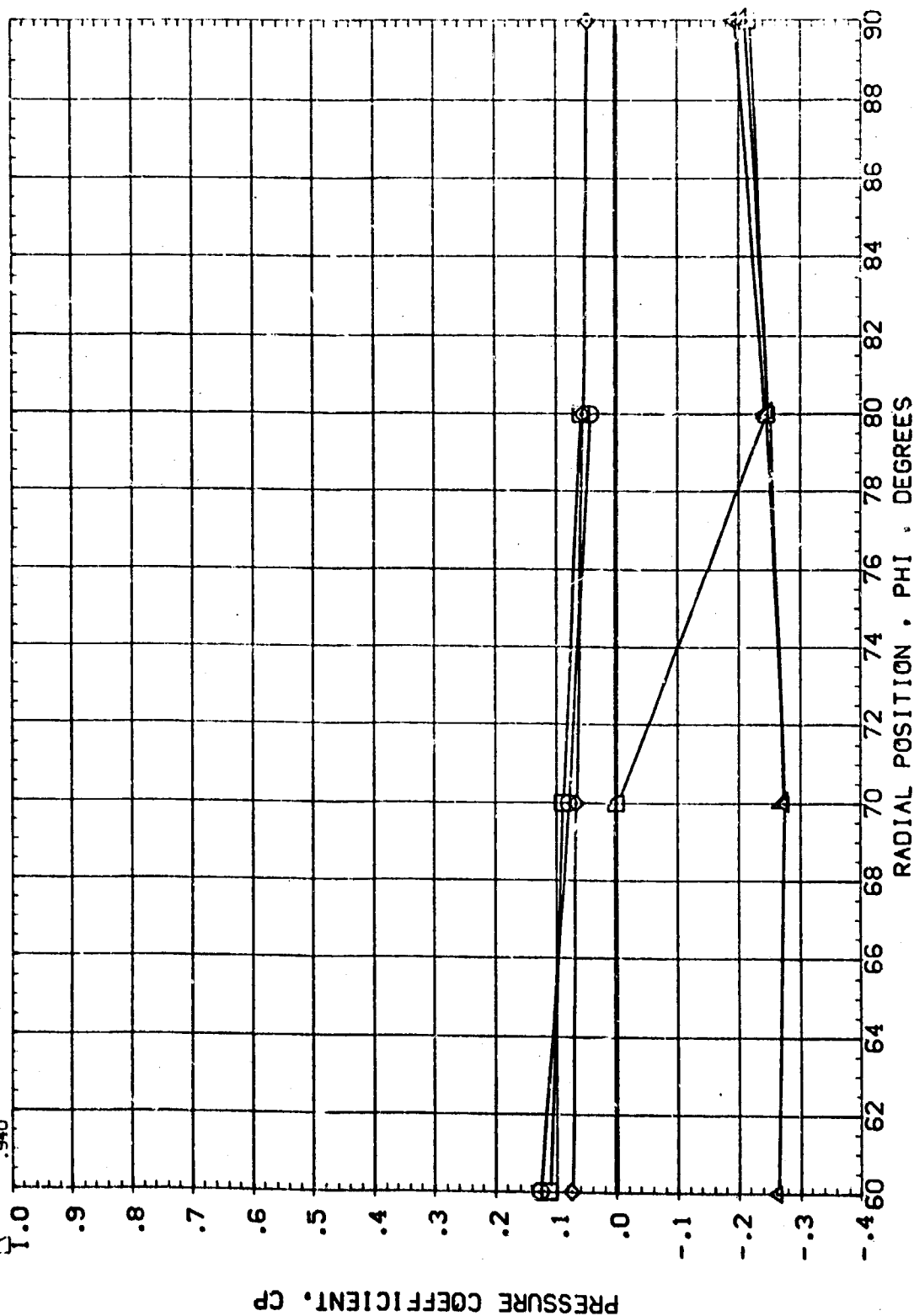
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECOG1)

PARAMETRIC VALUES

BETA	ELEVTR	-15.000
.000	RJODER	.000
.000	RN/L	2.250

SYMBOL X/L ALPHA MACH

0.087	17.010	2.017
.126		
.164		
.862		
.900		
.940		

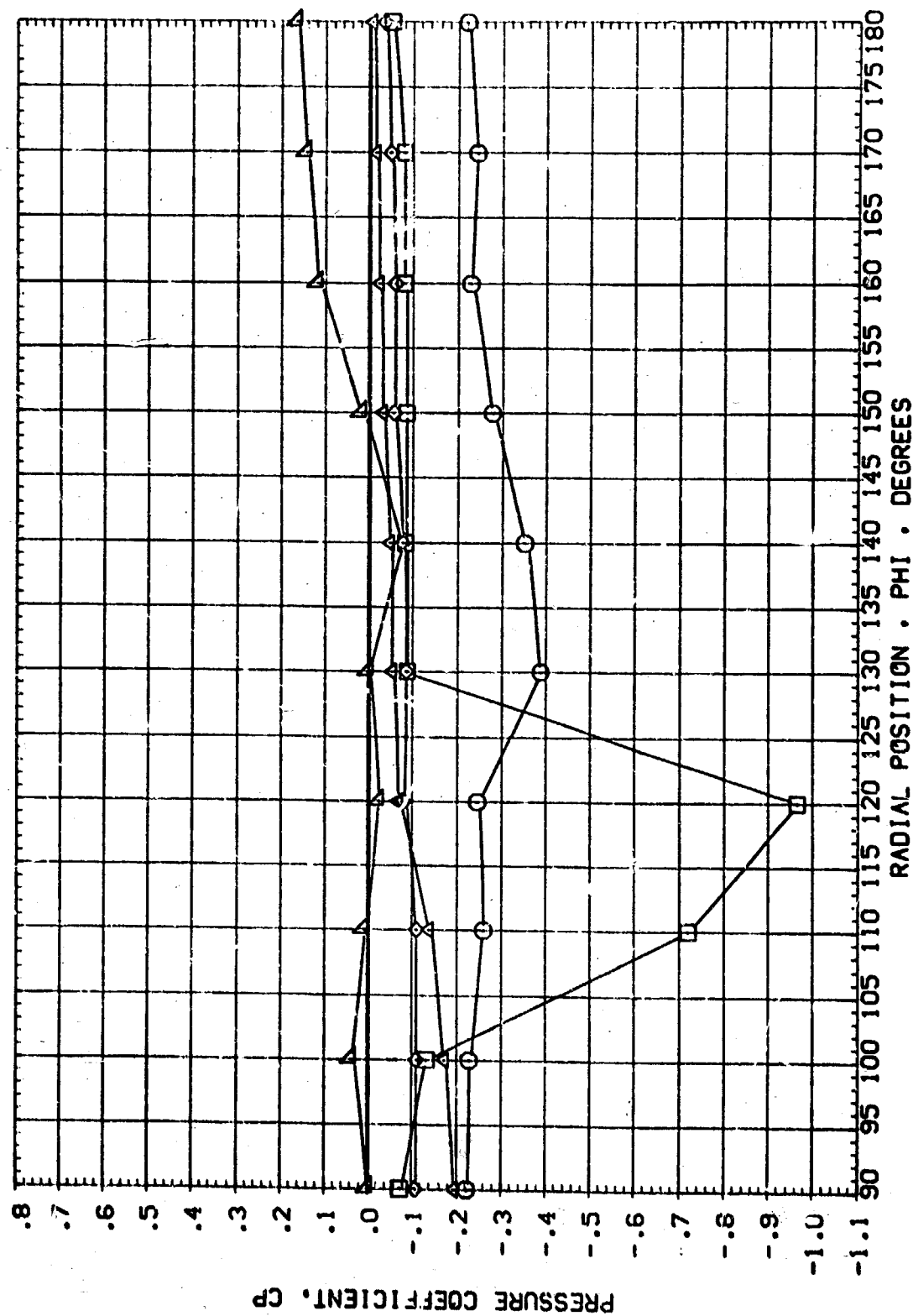


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

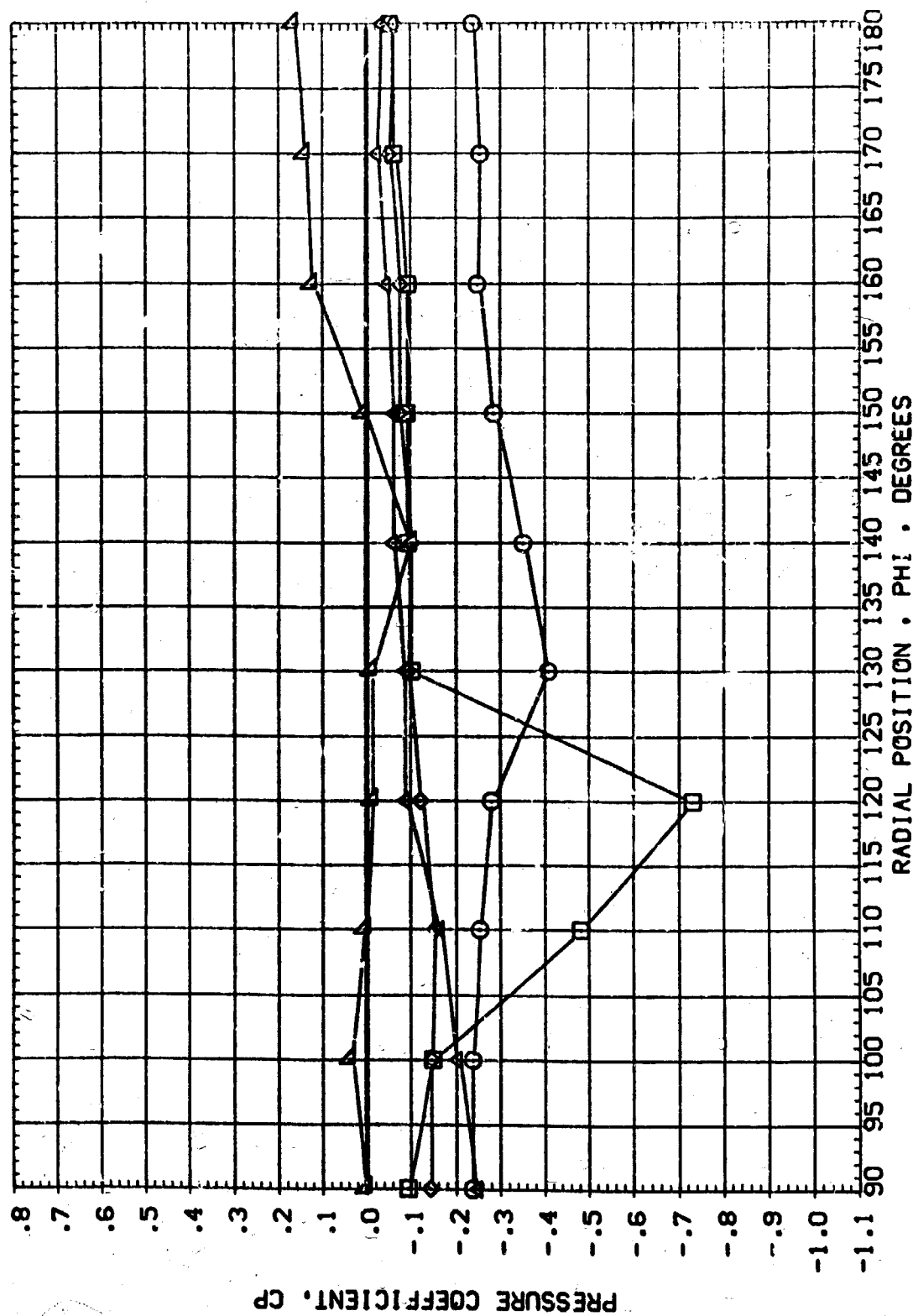
SYMBOL	X/L	ALPHA	MACH	BETA	AILLON	RUDDER	PARAMETRIC VALUES
□	.264	6.169	.602	.000	.000	.000	ELEVTR -15.000
◇	.405			.000			RUDDER .000
△	.546			3.500			
▽	.588						
▽	.629						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

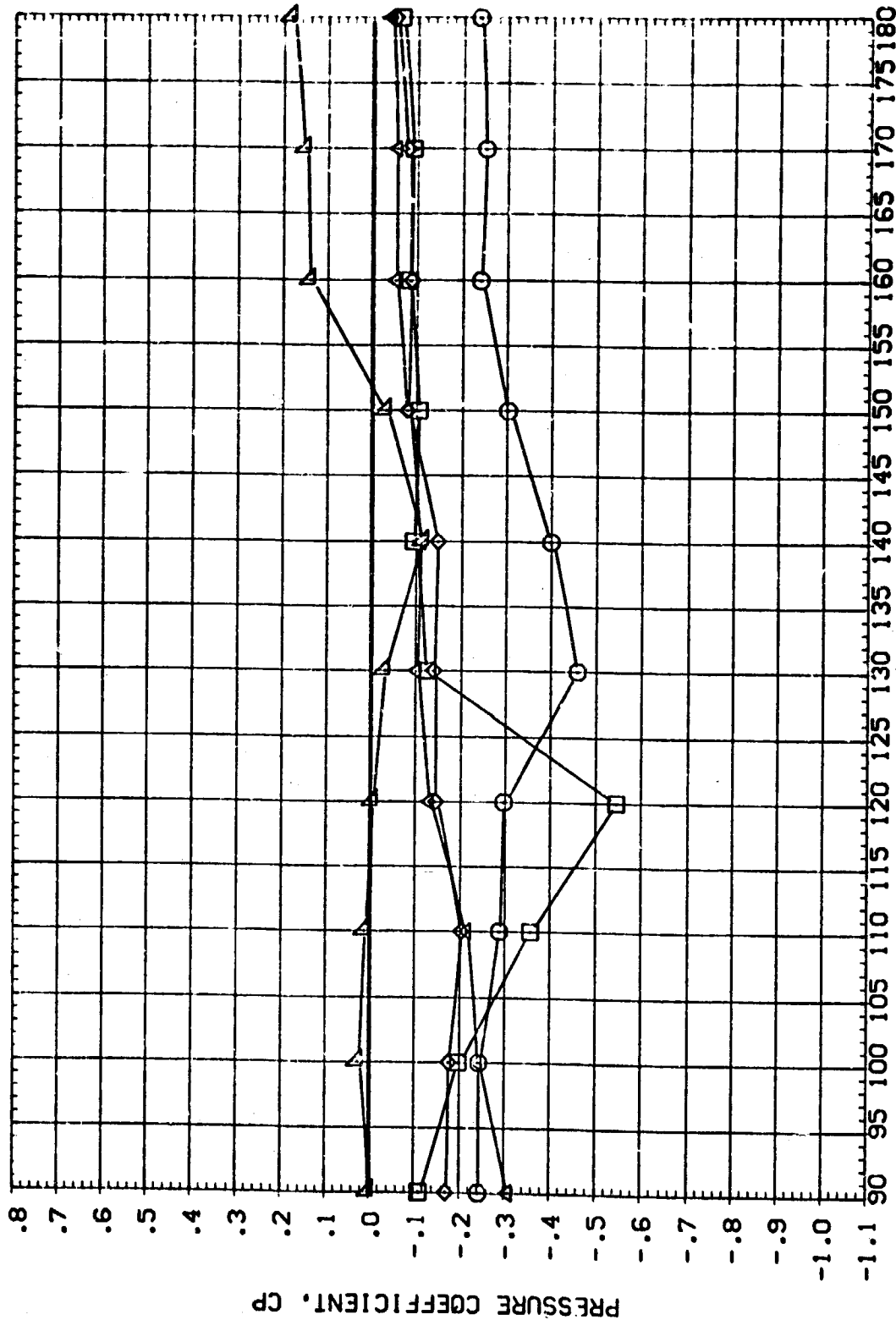
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	8.256	.600	AILRON	.000
◇	.405			RN/L	.000
△	.545				3.500
△	.688				-15.000
△	.829				.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 6 -630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALP	MACH	BETA	PARAMETRIC VALUES
△	.264	10.340	.600	°ILRON	.000 ELEVTR -15.000
◇	.425			RVAL	.000 R.000R
□	.546				3.500
▽	.688				
△	.829				

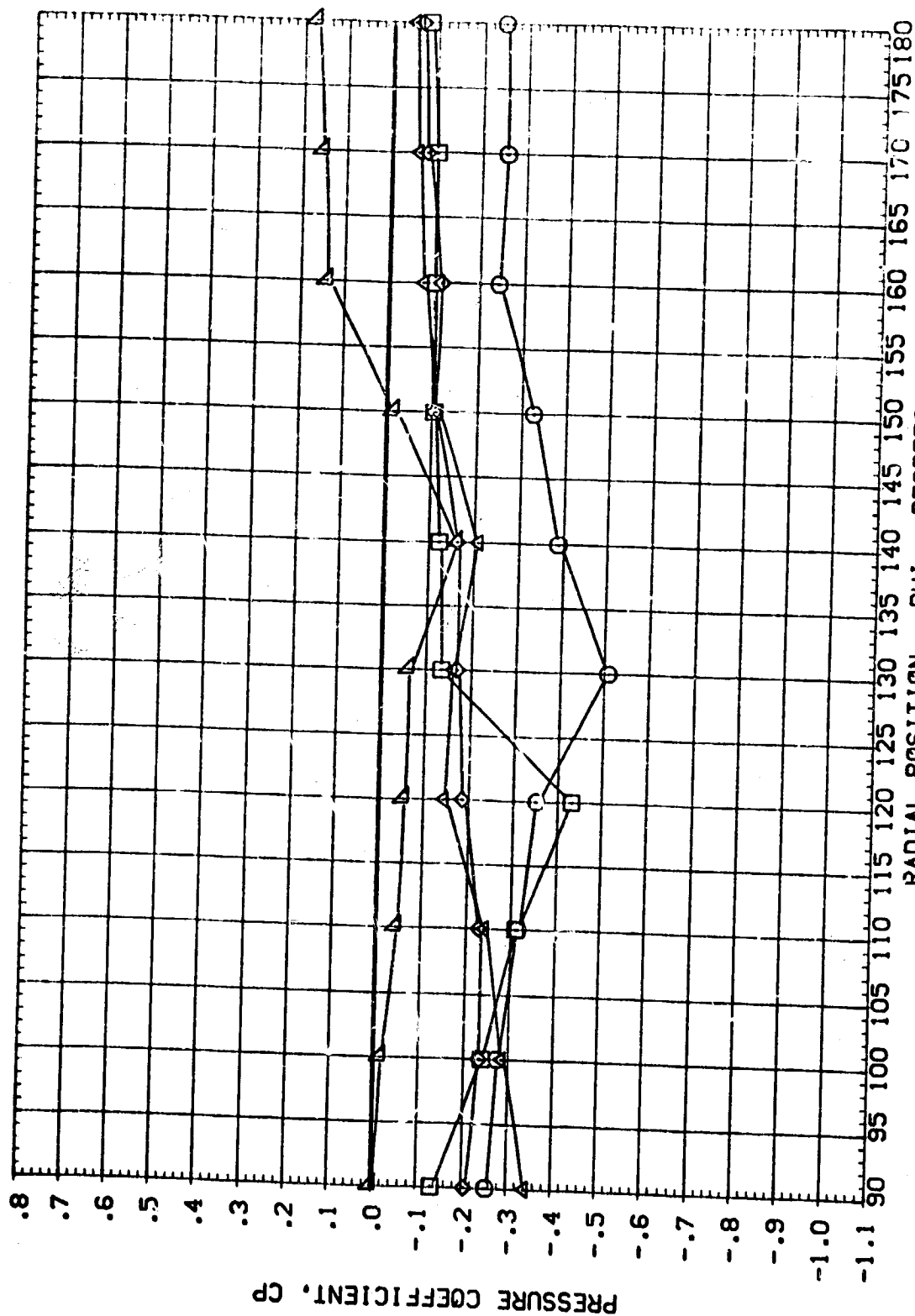


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL X/L ALPHA MACH
 □ .264 12.430 .601
 ○ .405
 ◇ .546
 △ .688
 ▽ .829

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 R-ODER .000
 RN/L 3.500

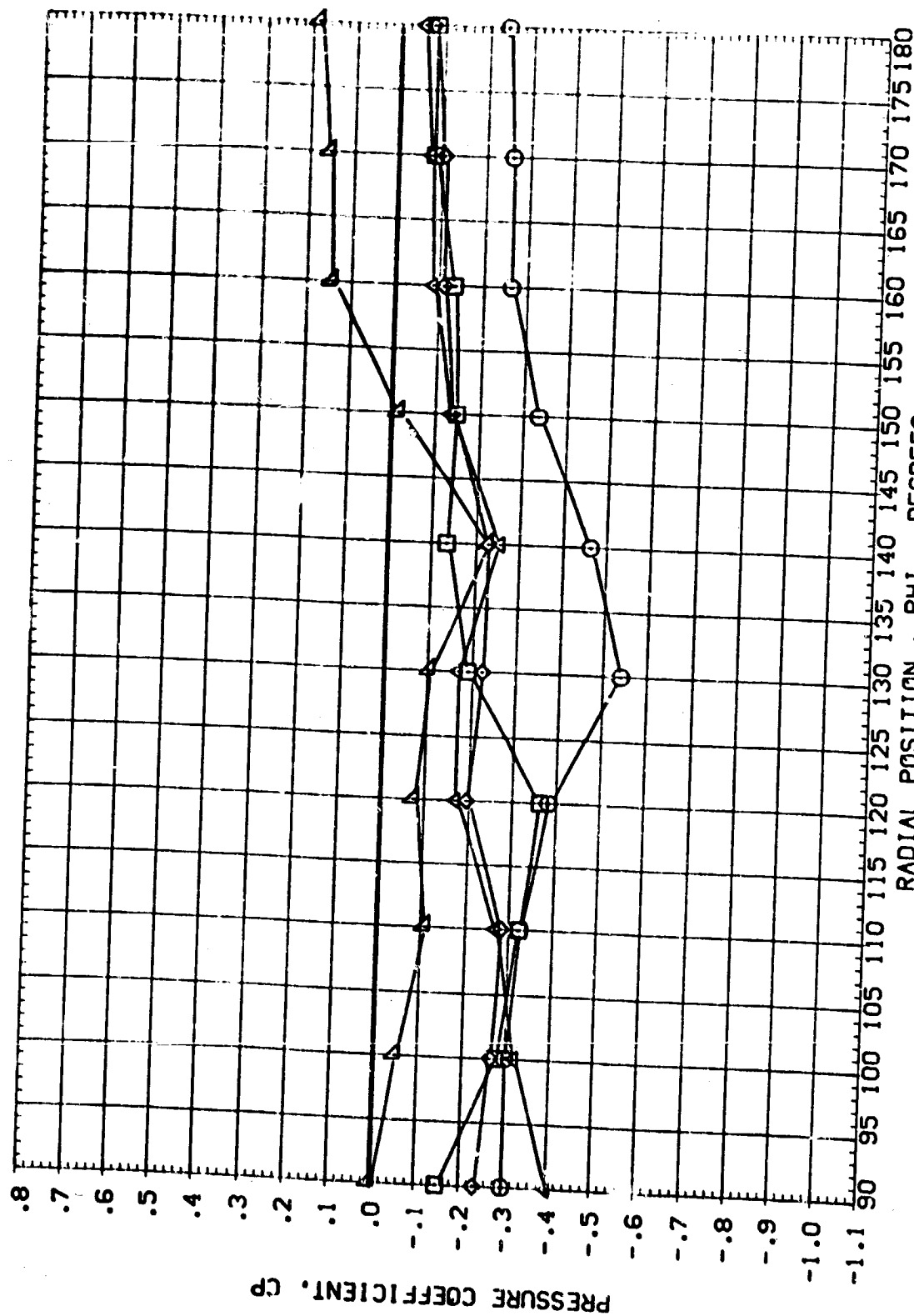


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

SV#BC- X/L ALPHA MACH
 .264 14.470 .602
 .405
 .546
 .608
 .829

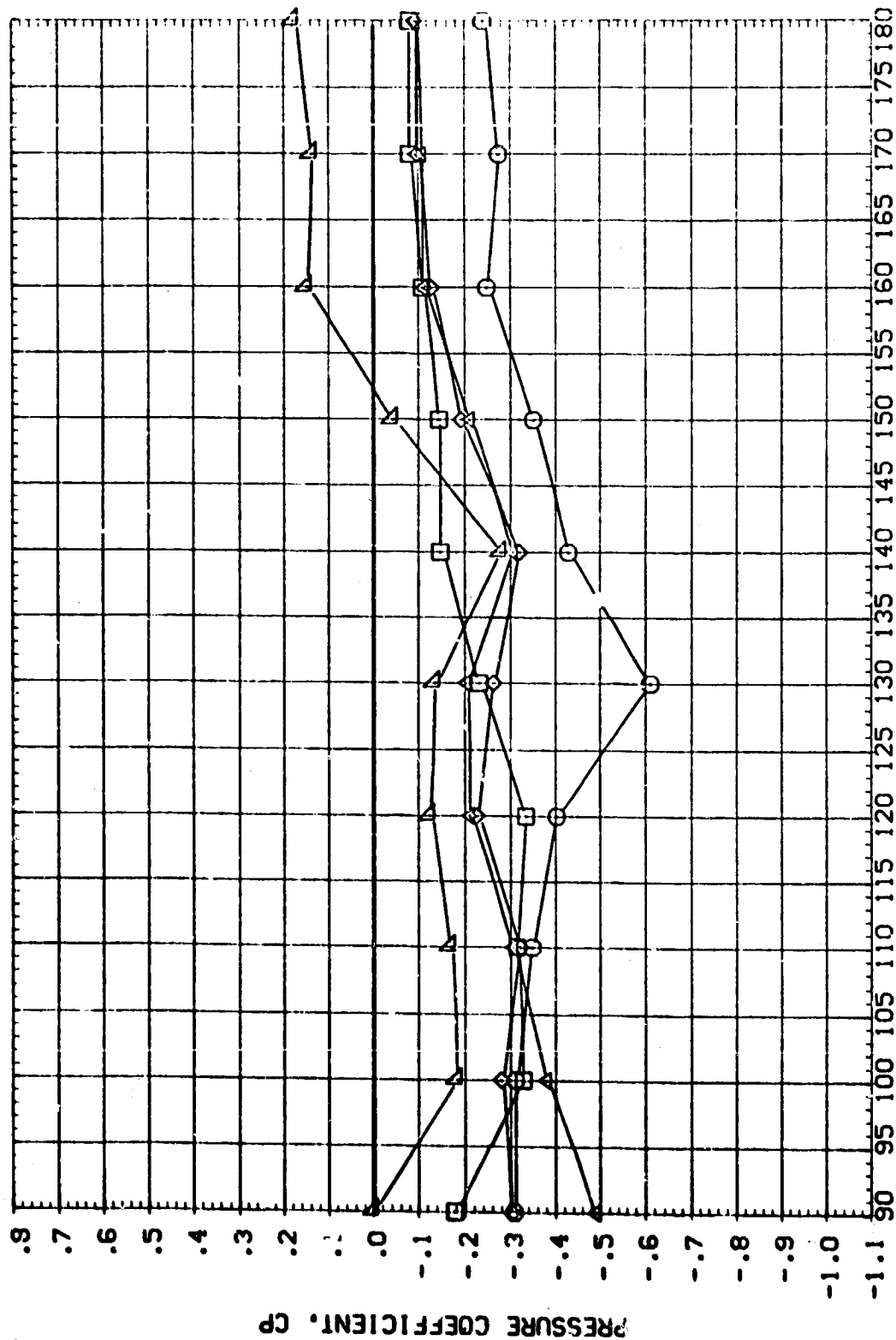
PARAMETRIC VALUES
 BETA .000
 AILRON .000
 RNL 3.500
 ELEVTR -15.000
 RUDDER .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

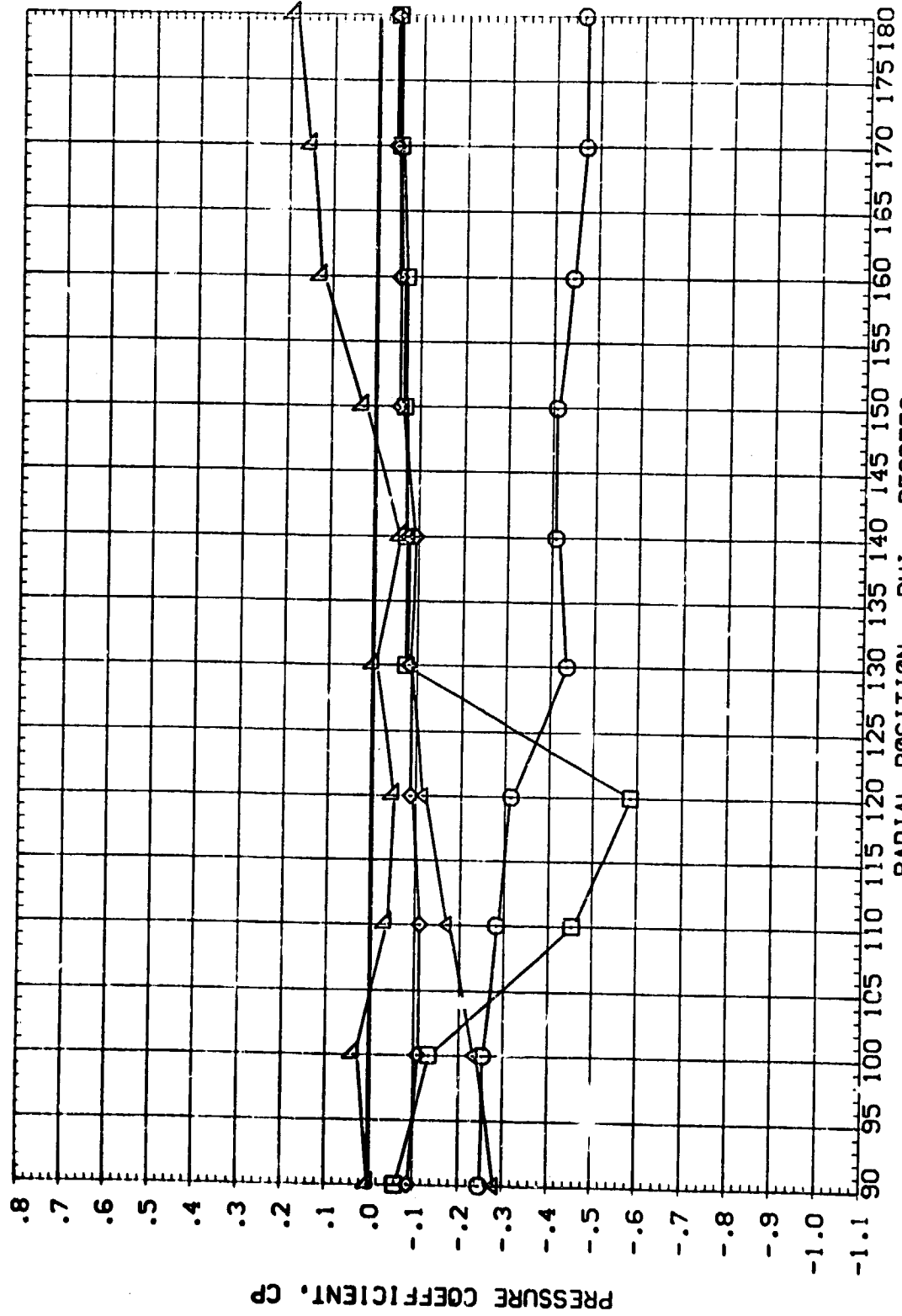
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
◇	.264	16.570	.601	.000	ELEVTR -15.000
○	.405			.000	RJDDIR .000
△	.546			3.500	RN/L
□	.688				
◇	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

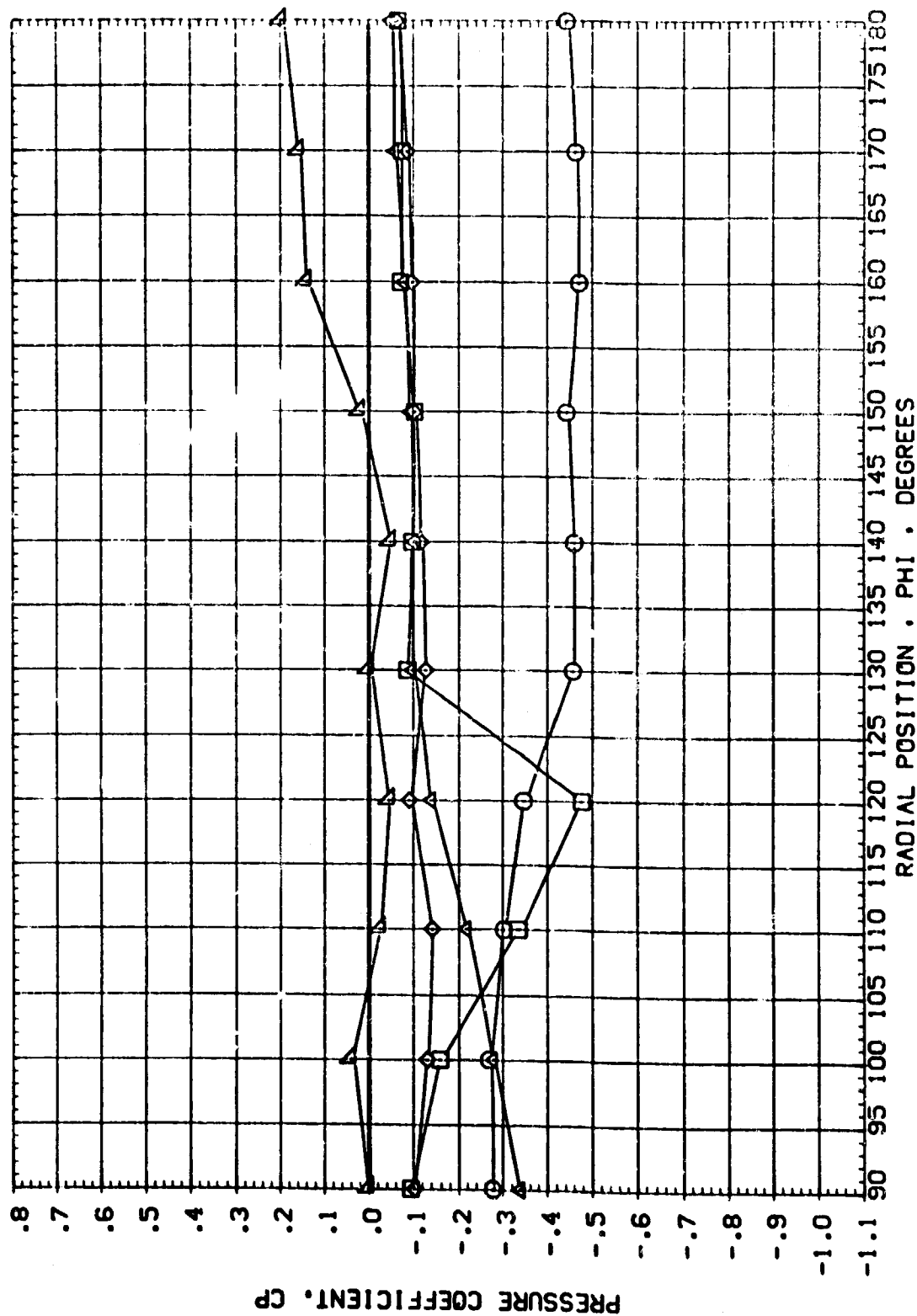
X/L	ALPHA	MACH	PARAMETRIC VALUES			
			BETA	.000	ELEVTR	-15.000
.264	6.300	.752	AILRON	.000	RJDDER	.000
.405			RN/L	3.500		
.546						
.688						
.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	8.411	.746	.000	ELEVTR
◇	.405			.000	RUDDER
□	.546			.000	
△	.688			3.500	
▽	.829				

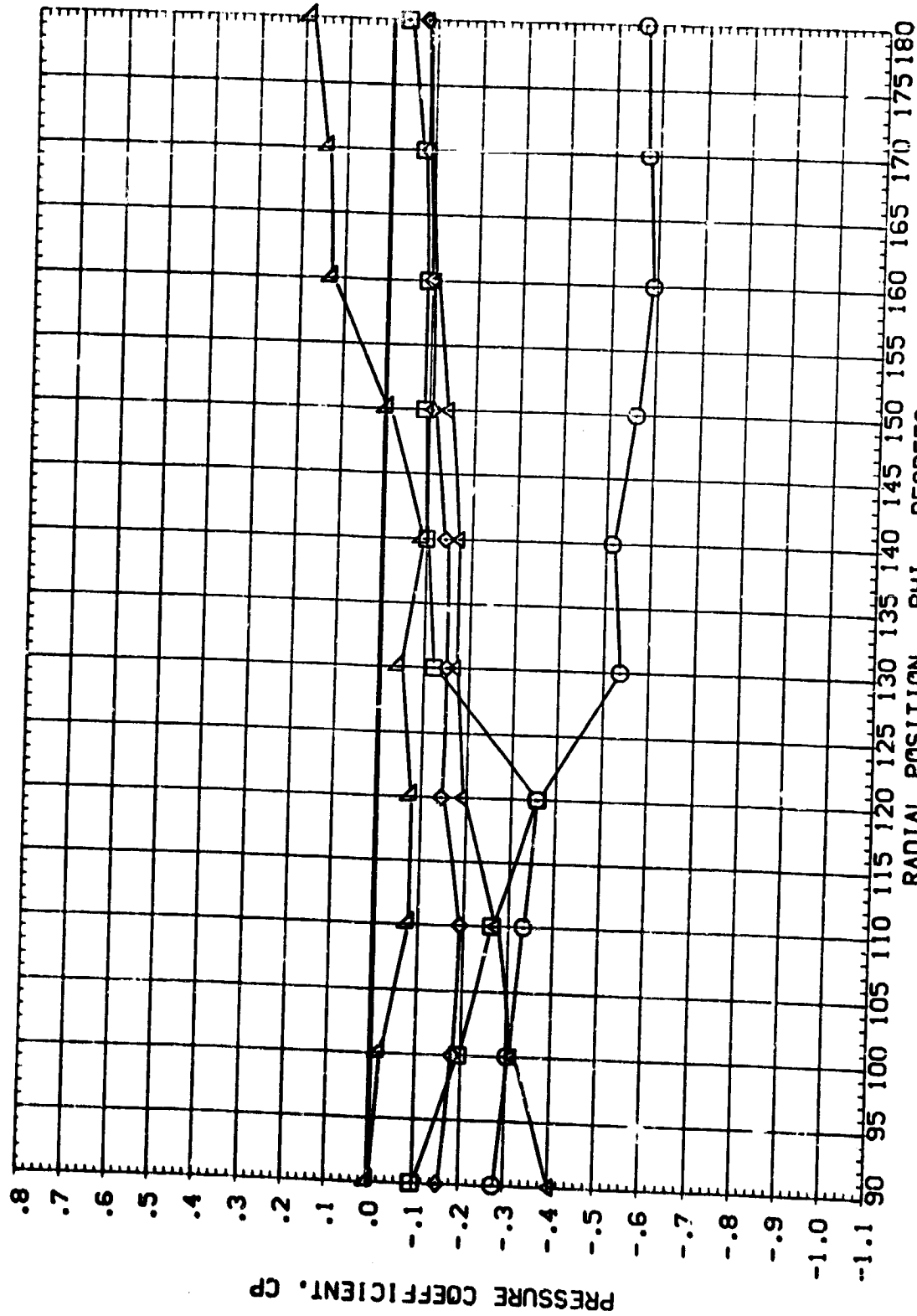


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL X/L ALPHA MACH
 □ .264 10.490 .749
 ○ .405
 △ .546
 ◇ .688
 × .829

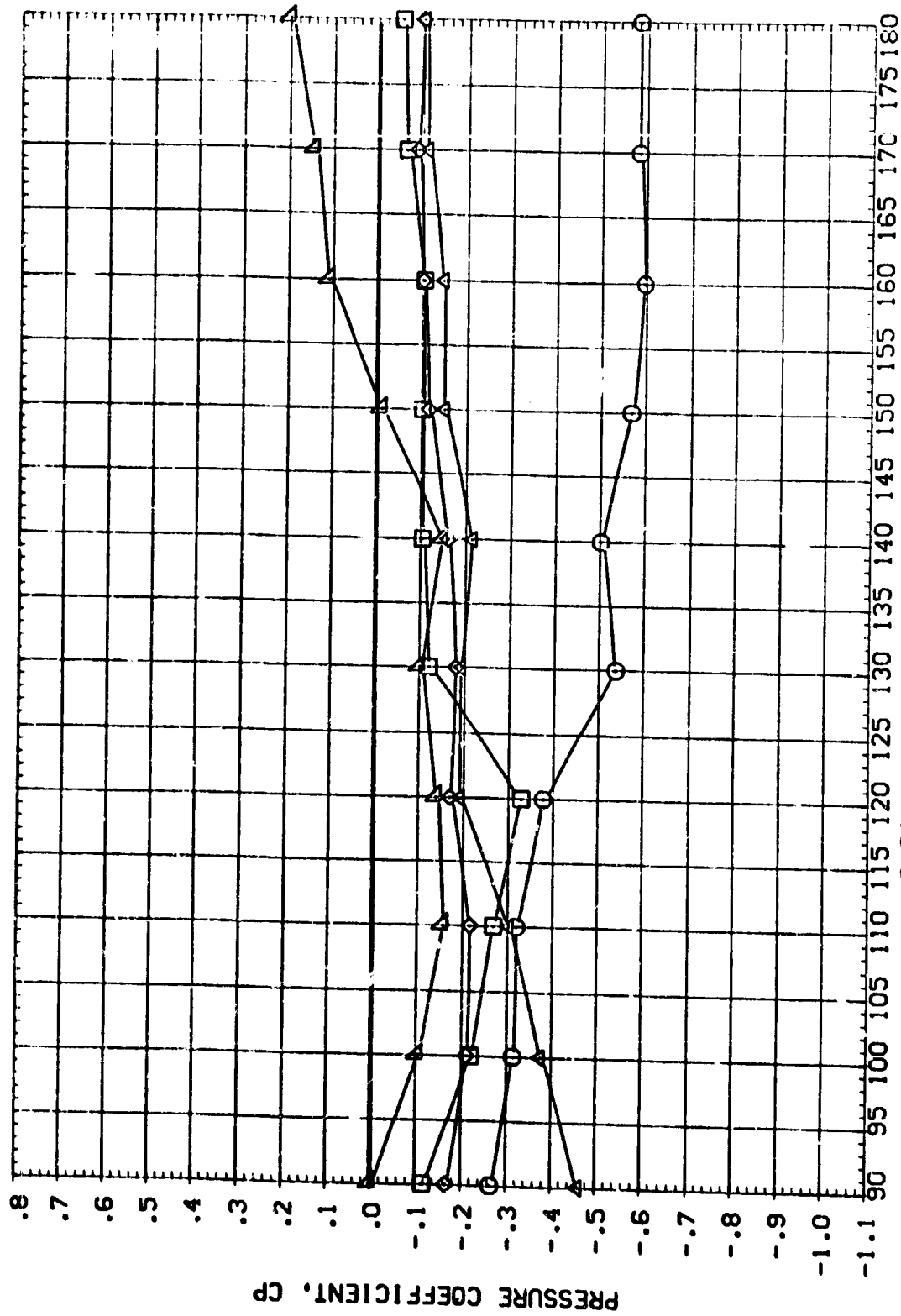
PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RNVL 3.500



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	12.590	.751	BETA	.000	ELEVTR
	.405			AILRON	.000	R. DOER
	.546			RN/L	3.500	
	.688					
	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

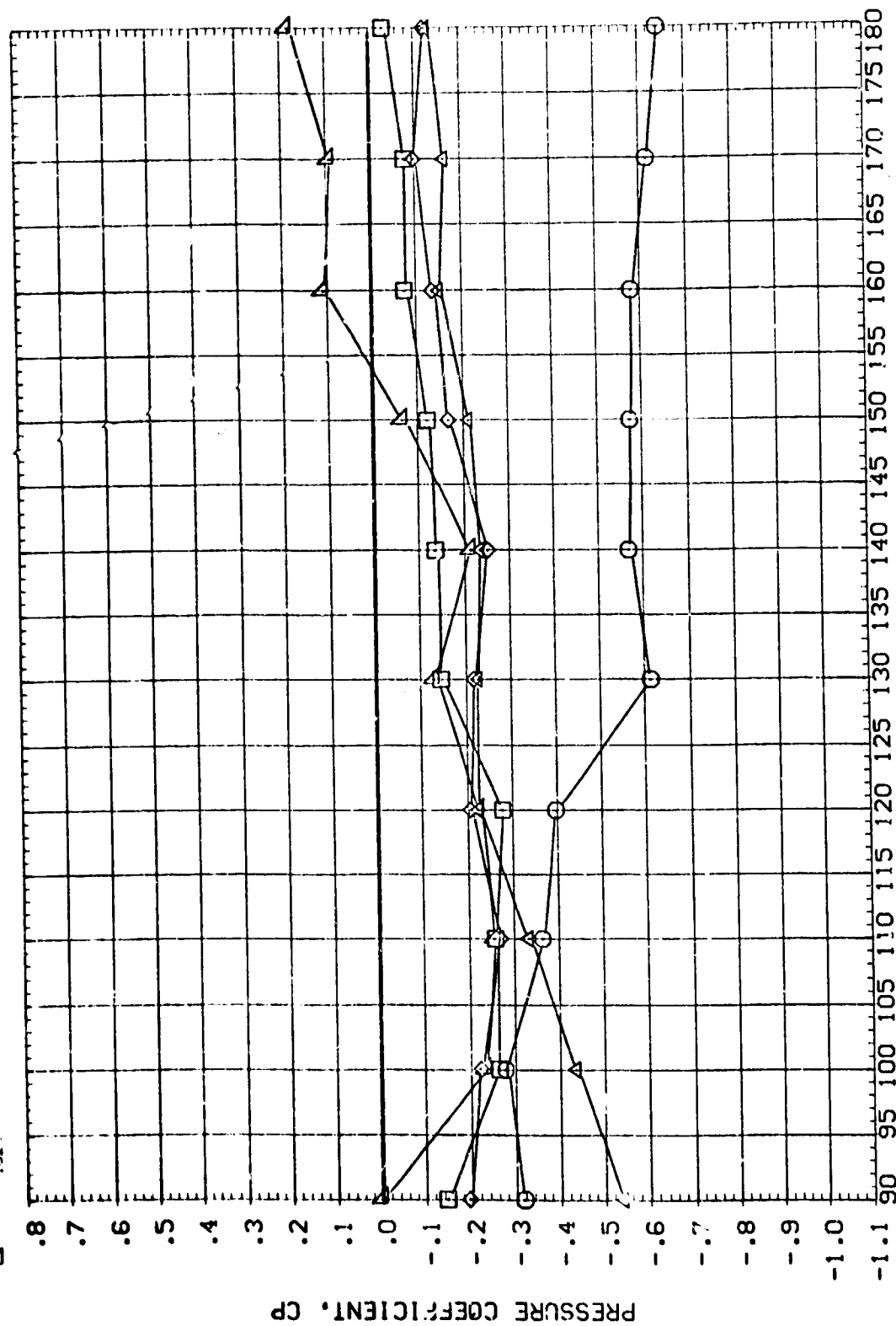
SYMBOL
○ □ △

X/L
.264
.405
.545
.698
.842

ALPHA
14.630

MACH
.752

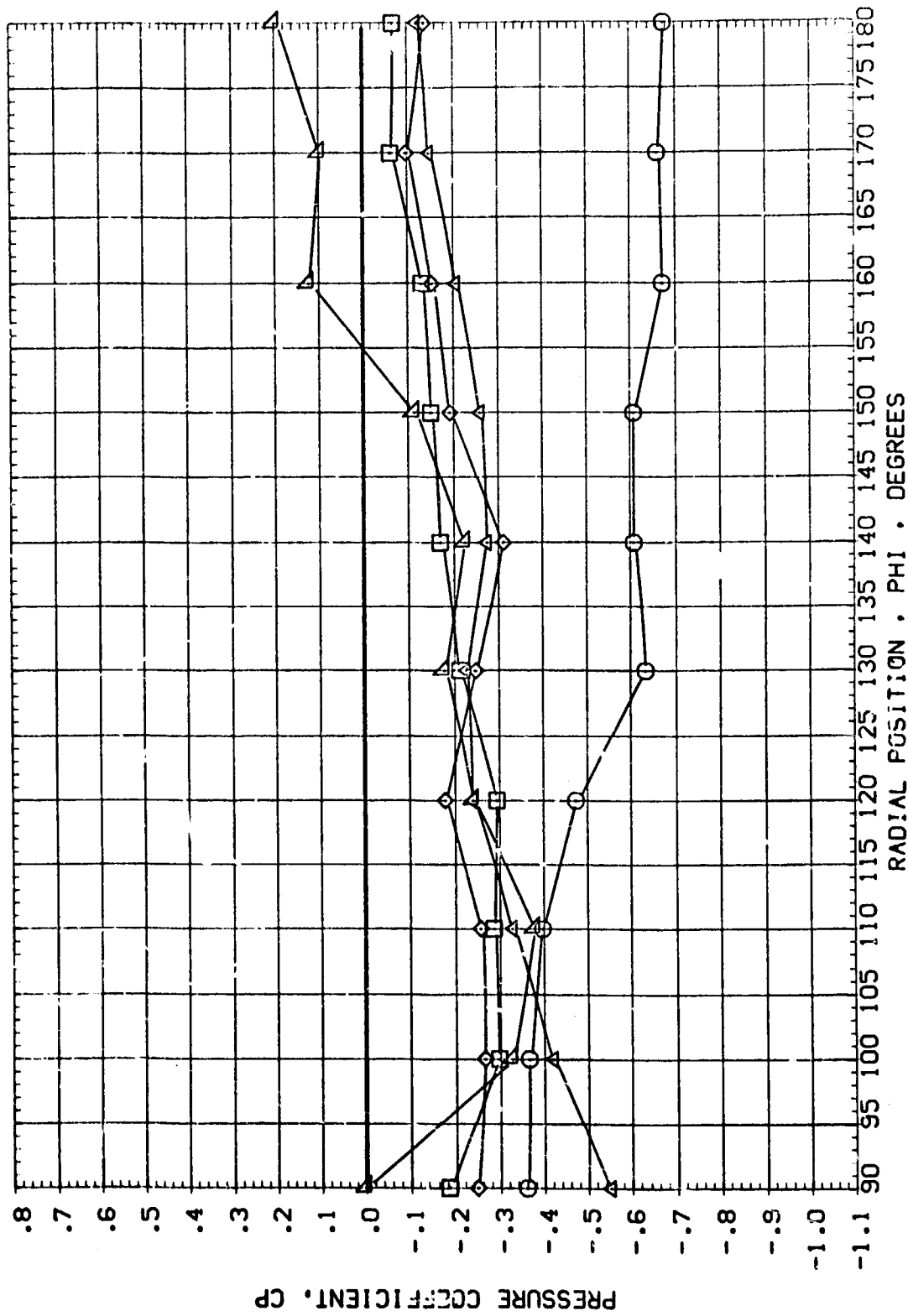
PARAMETRIC VALUES
BETA .000
AILRON .000
RN/L 3.500
ELEVTR -15.000
RUDLER .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

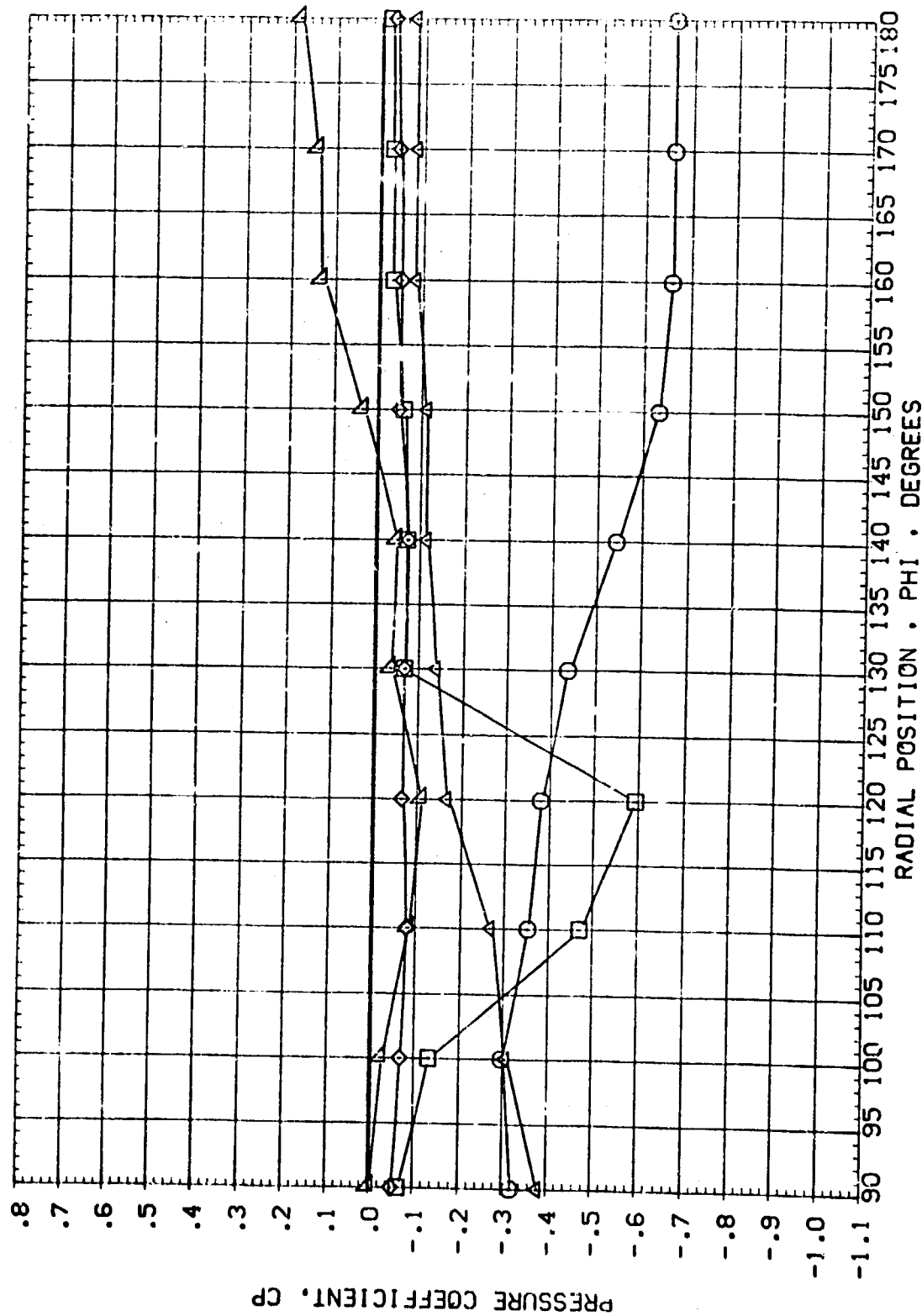
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	16.740	.750	BETA	.000	ELEVTR
	.405			AIRLON	.000	RUDDER
	.546			RN/L	3.500	
	.688					
	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

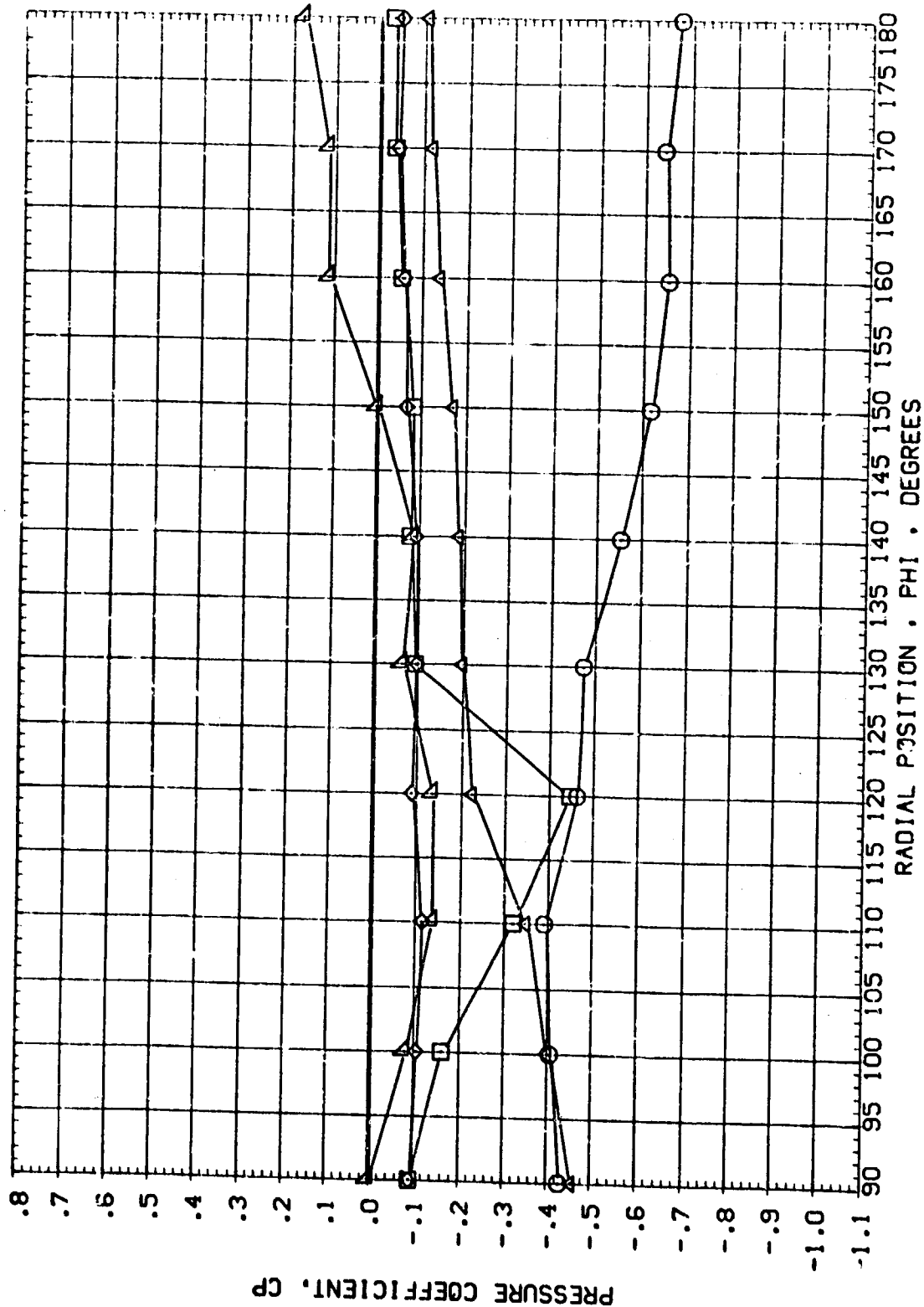
<p> \square \square \square \square \square </p>	<p> X/L ALPHA MACH .264 6.435 .843 .415 .546 .683 .929 </p>	<p> BETA AILRON RN/L </p>	<p> PARAMETRIC VALUES .000 ELEVTR -15.000 .000 RUDDER .000 3.500 </p>
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RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES G6-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

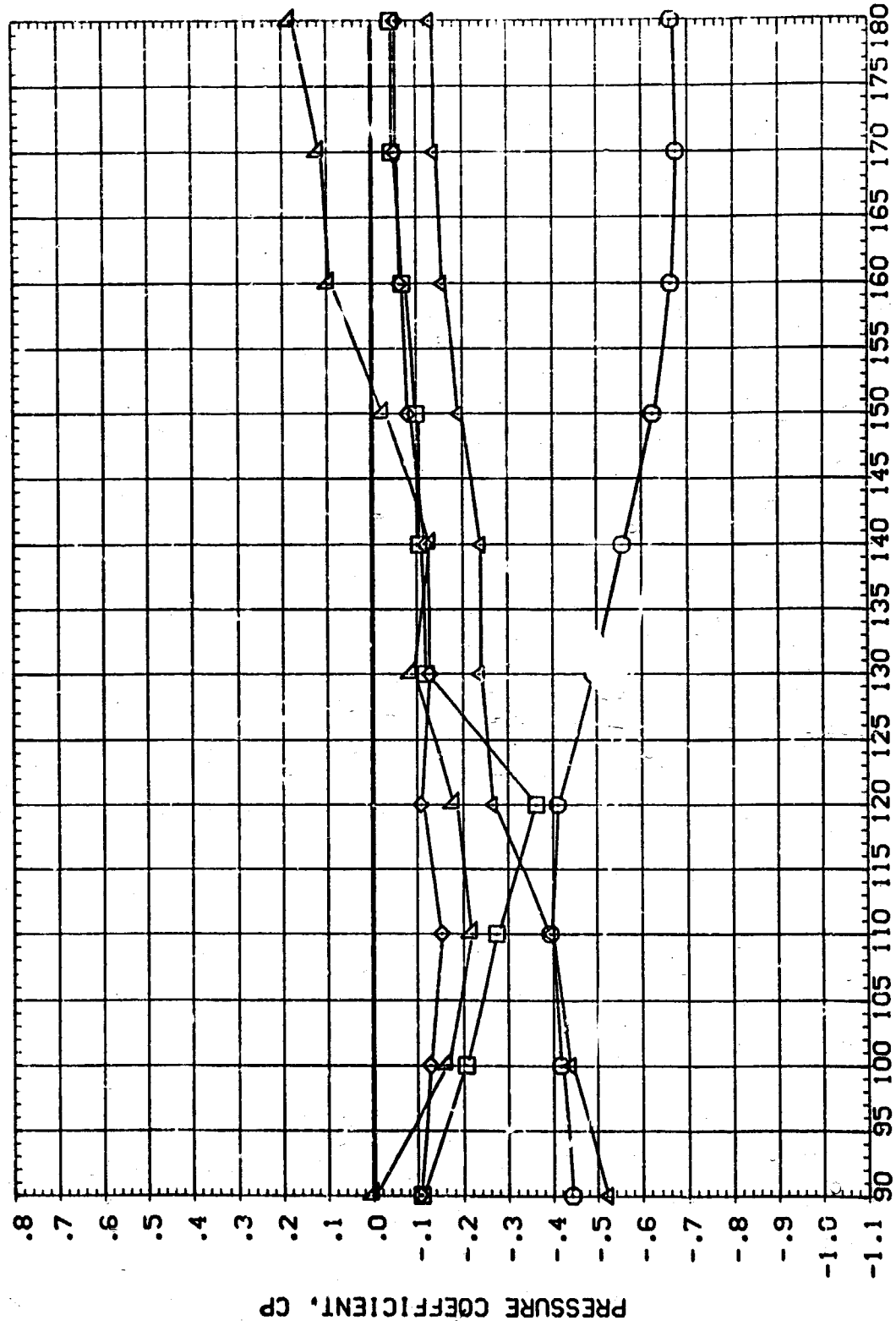
SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES	ELEVTR	-5.000	.000	RJCKER	.000
○	.264	8.548	.852									
□	.405											
◇	.546											
△	.688											
▽	.829											





AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

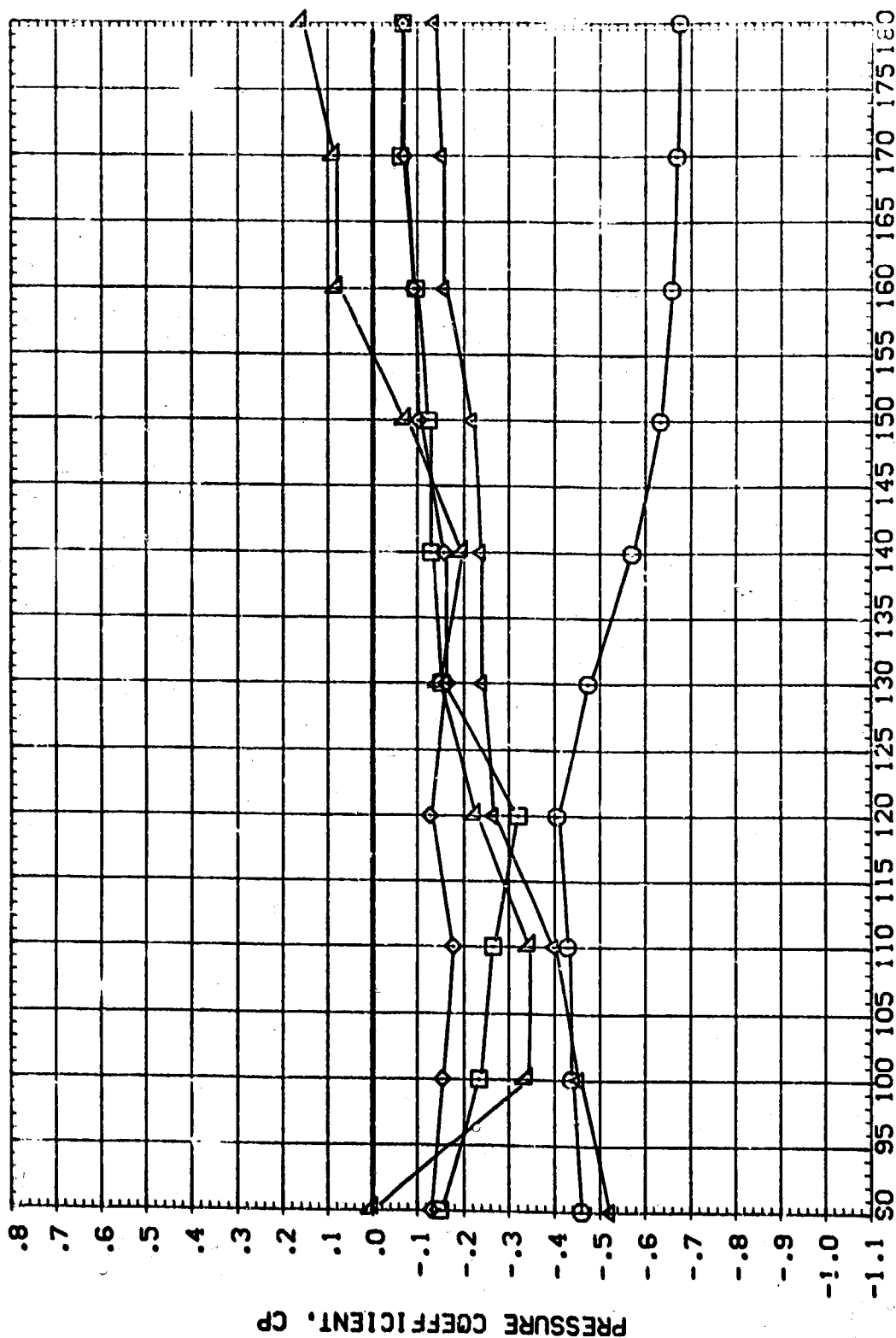
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
○	.264	10.520	.851	.000	.000	.000	-15.000
□	.405			.000	.000	.000	.000
◇	.546						
△	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	-15.000
				AIRLON	.000	RUDDER	.000
				RV/L	2.100		



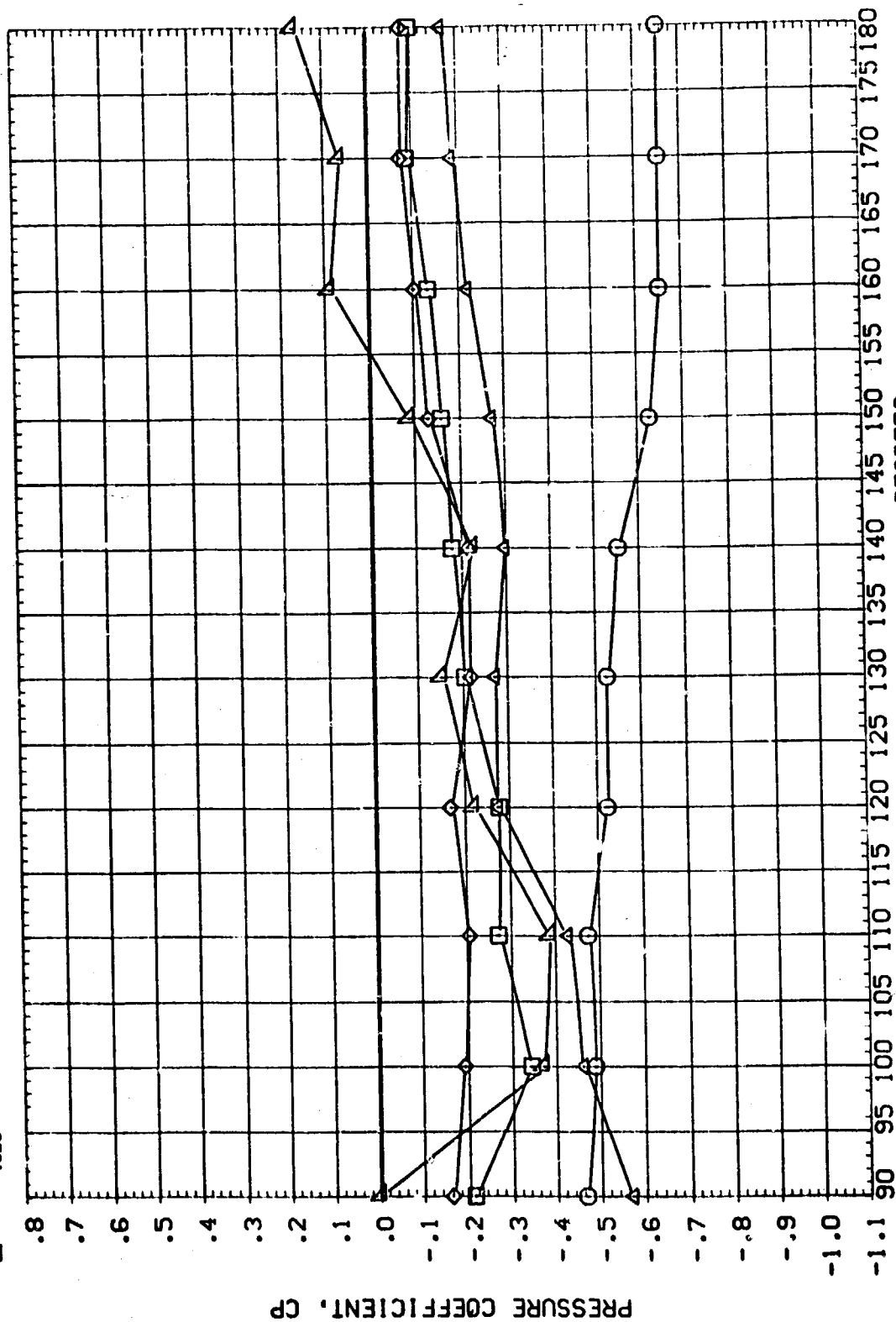
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
BETA
AILRON
RV/L
-15.000
.000
.000
3.500

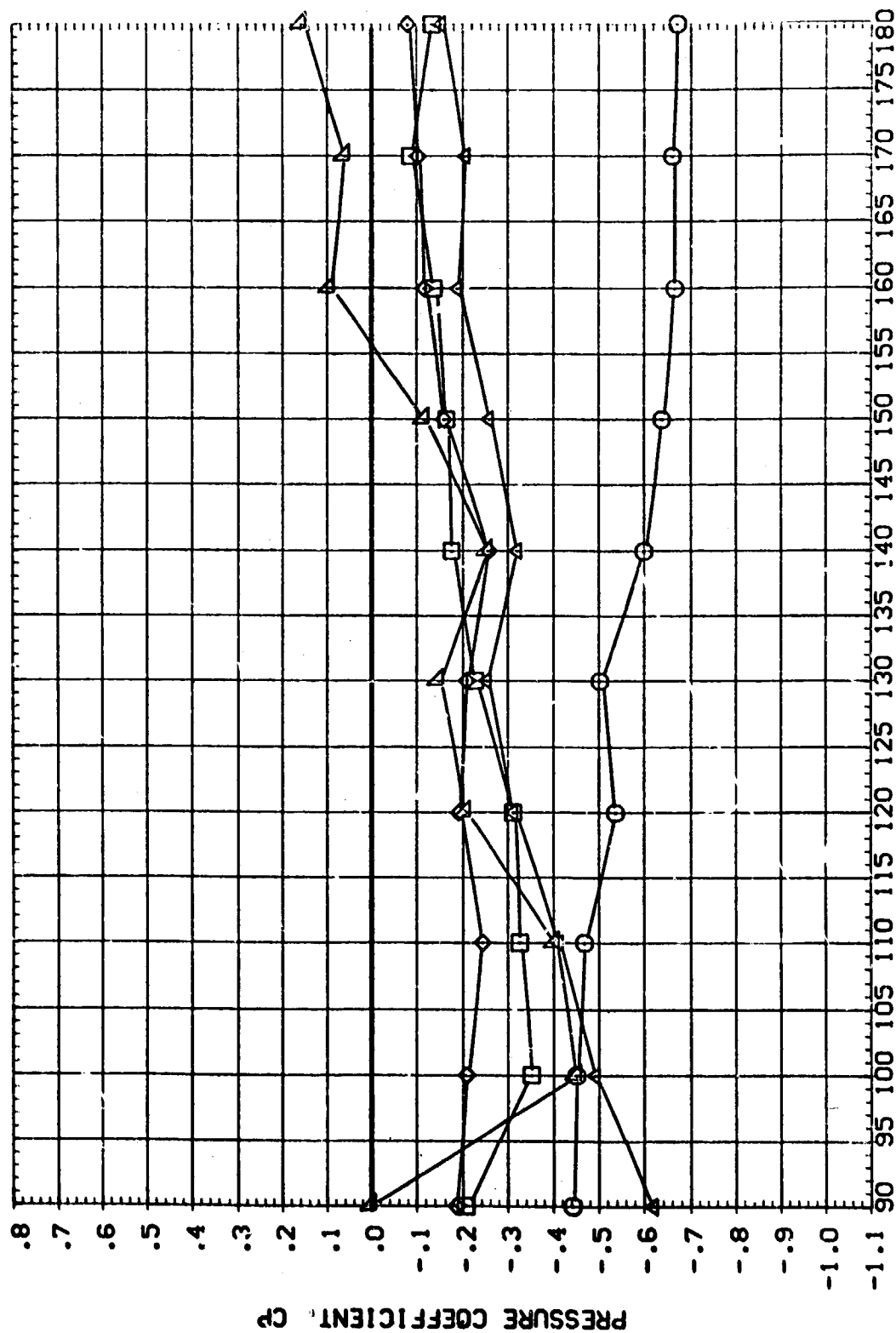
SV#82
X/L
ALPHA
MACH
.264
14.840
.950
-15.000
.000
.000
3.500



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

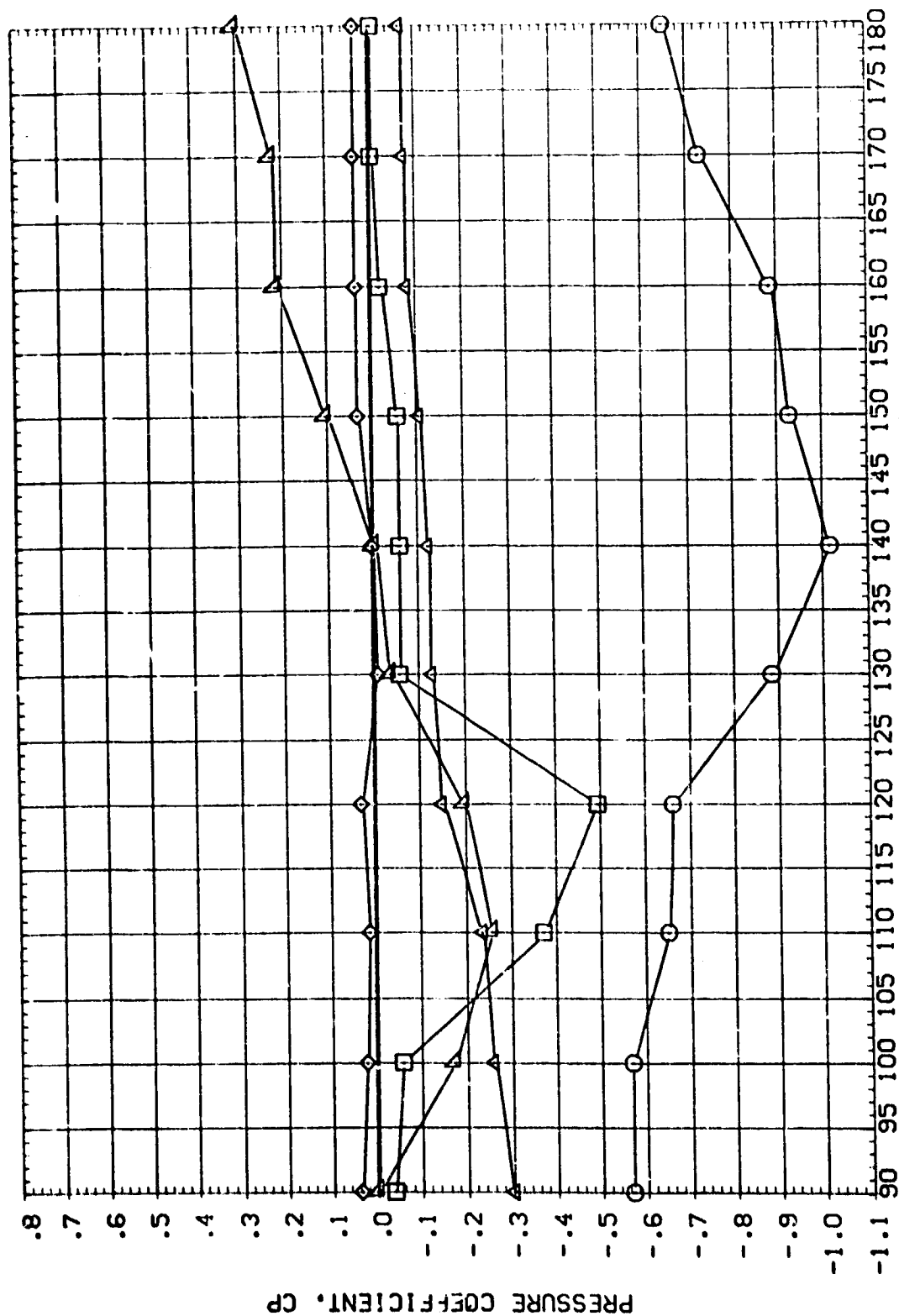
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000 ELEVTR	.000 RUDDER	-15.000
○	.264	16.900	.852	A/L	.000	3.500	.000
□	.405			R/V/L			
◇	.546						
△	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE
RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

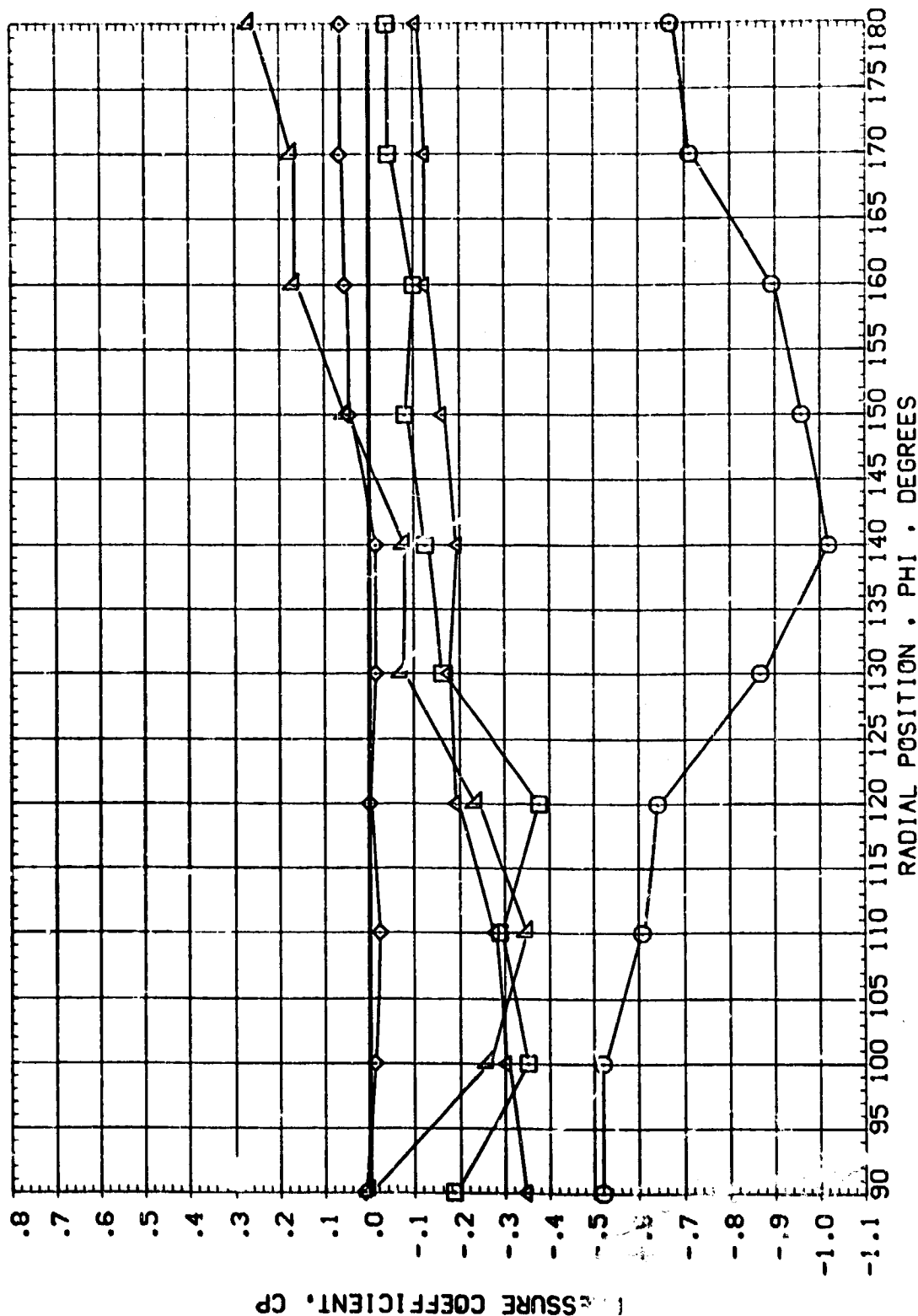
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	6.528	.952	BETA	ELEVTR	-15.000
	.405			AILRON	R.ODER	.000
	.546			RN/L	3.500	
	.688					
	.823					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-S30 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	8.65i	.956	.000	ELEVTR -15.000
◇	.405			.000	PODOR .000
△	.546			3.500	
△	.688				
△	.829				

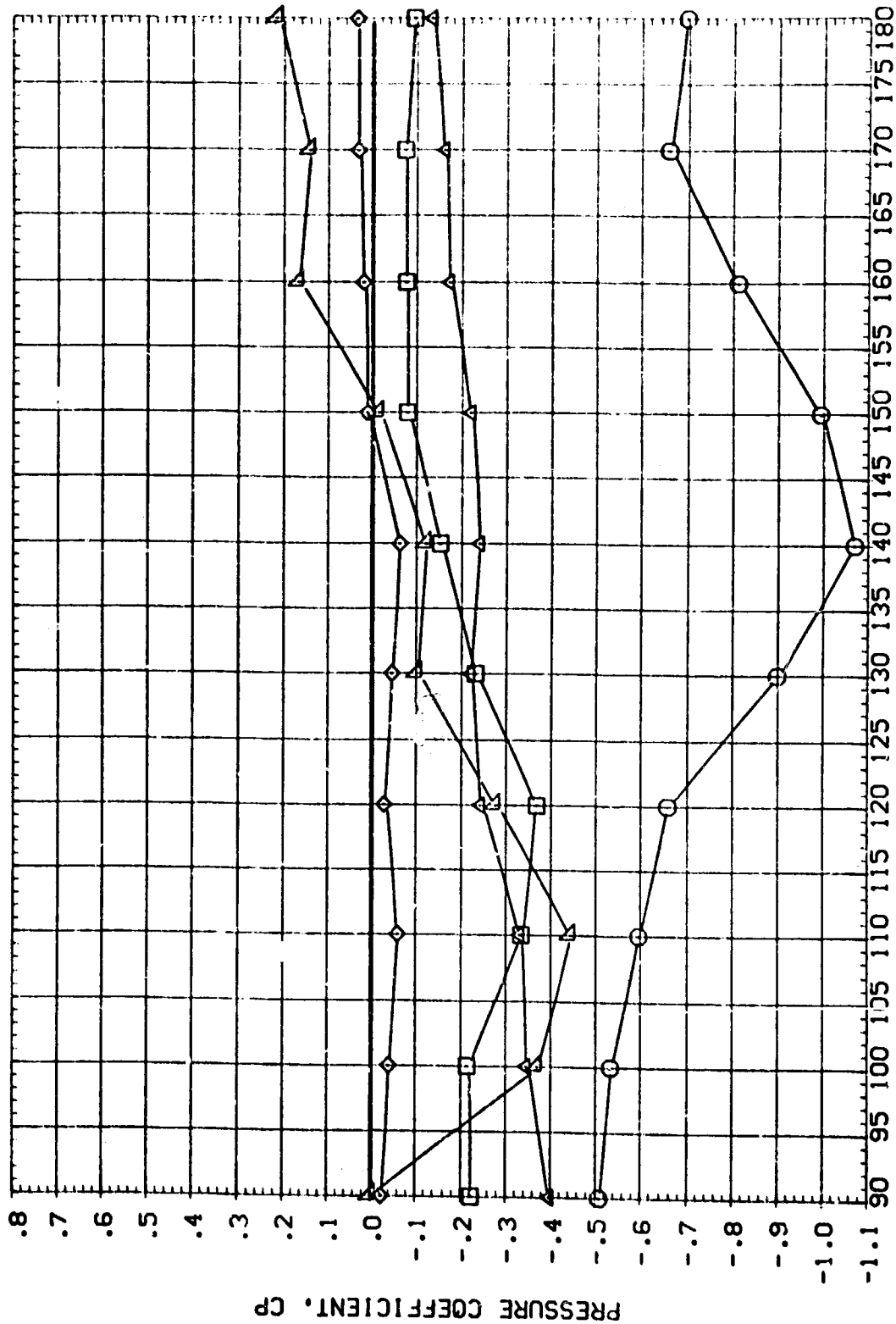


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	10.760	.951	.000	ELEVTR
◇	.405			.000	RJDER
△	.546			3.500	
▽	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

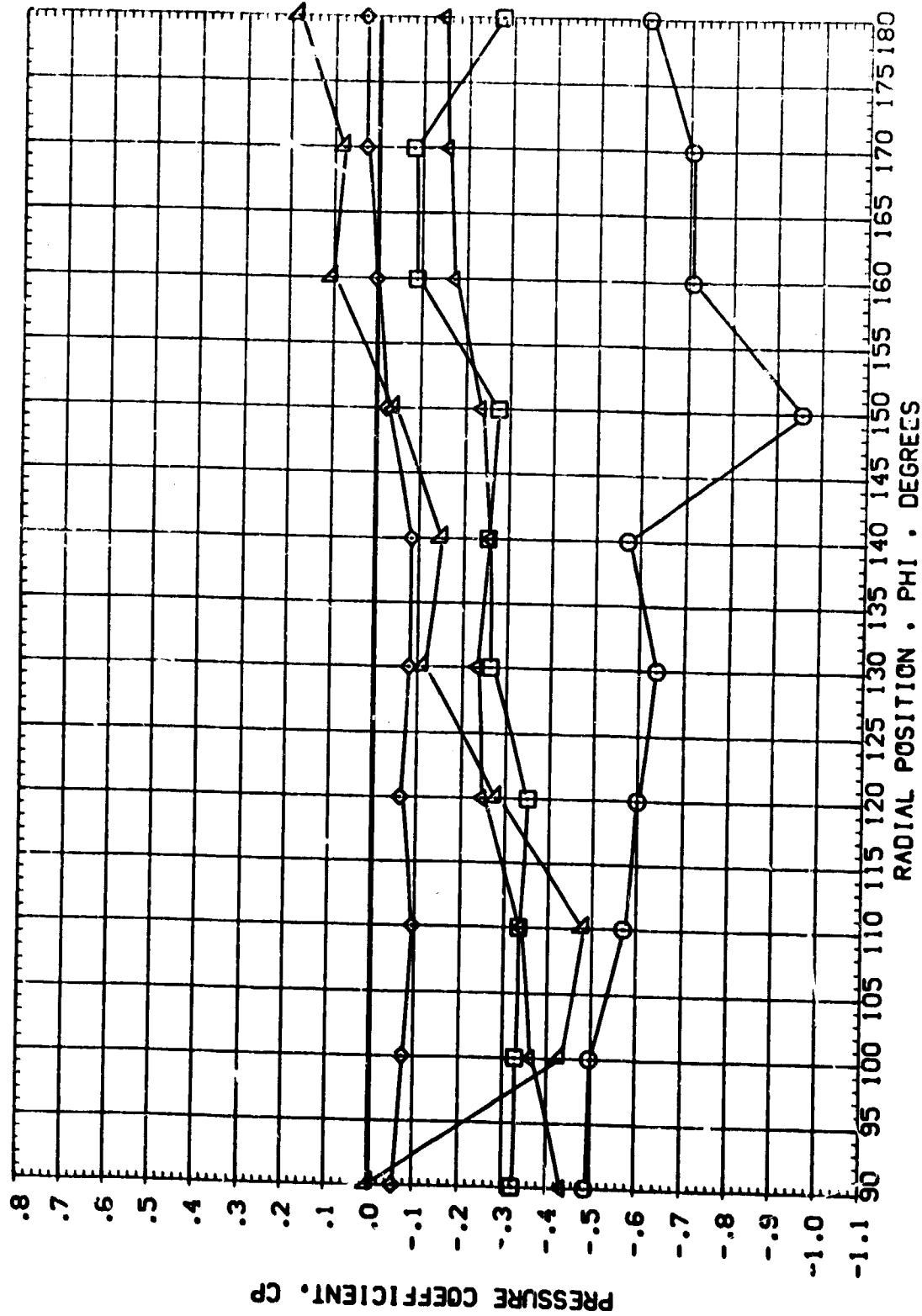
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL X/L ALPHA MACH

.264 12.840 .950
.405
.546
.688
.829

BETA
AILRON
RN/L

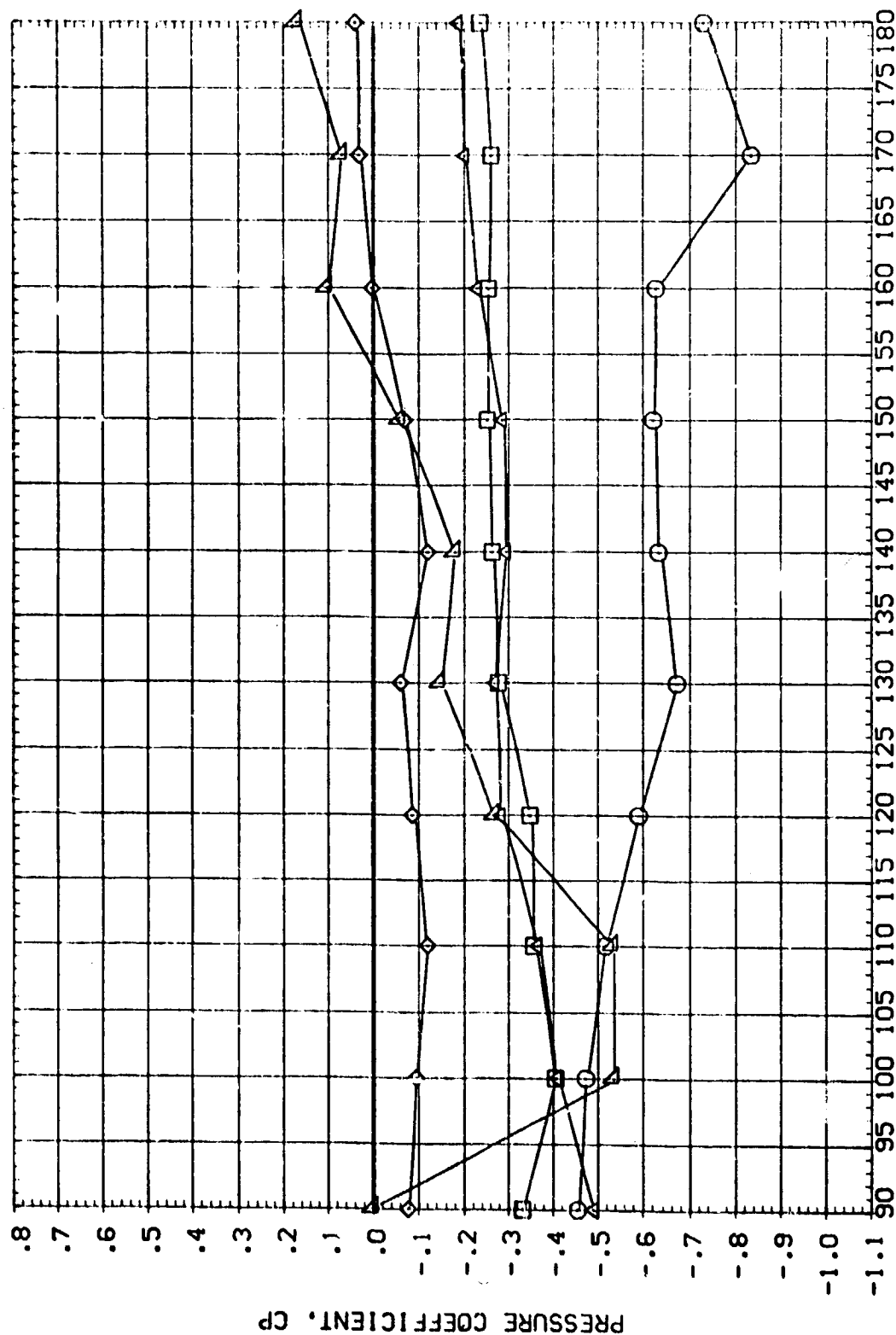
PARAMETRIC VALUES
.000 .000 3.500
ELEVTR RLODER
-15.000 .000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

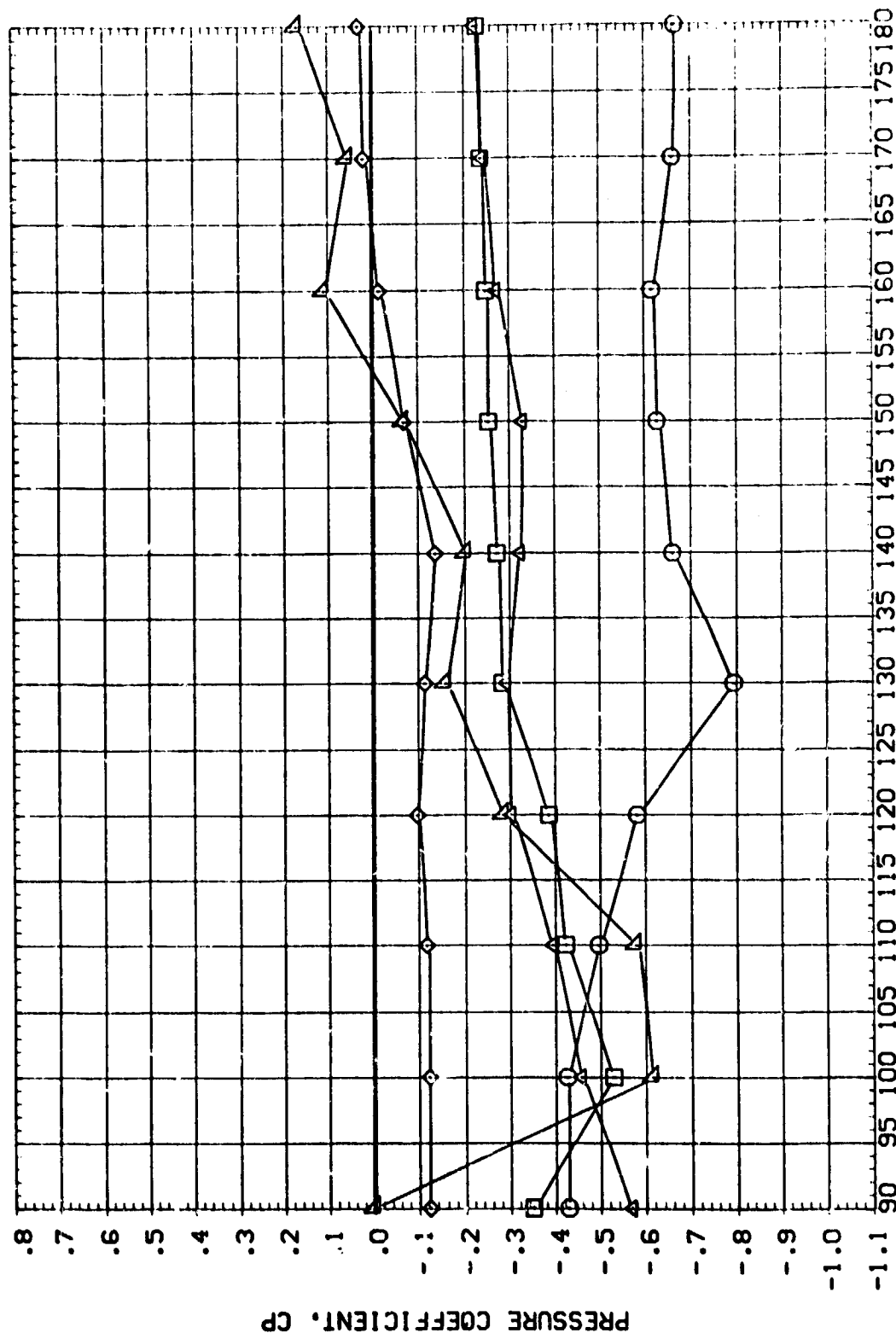
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	14.930	.950	BETA	.000	ELEVTR
	.405			AILRON	.000	R.COER
	.546			RN/L	3.500	
	.688					-15.000
	.929					.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 65-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	-15.000	
				AILPCN	.000	RLODER	.000
				RN/L	3.500		

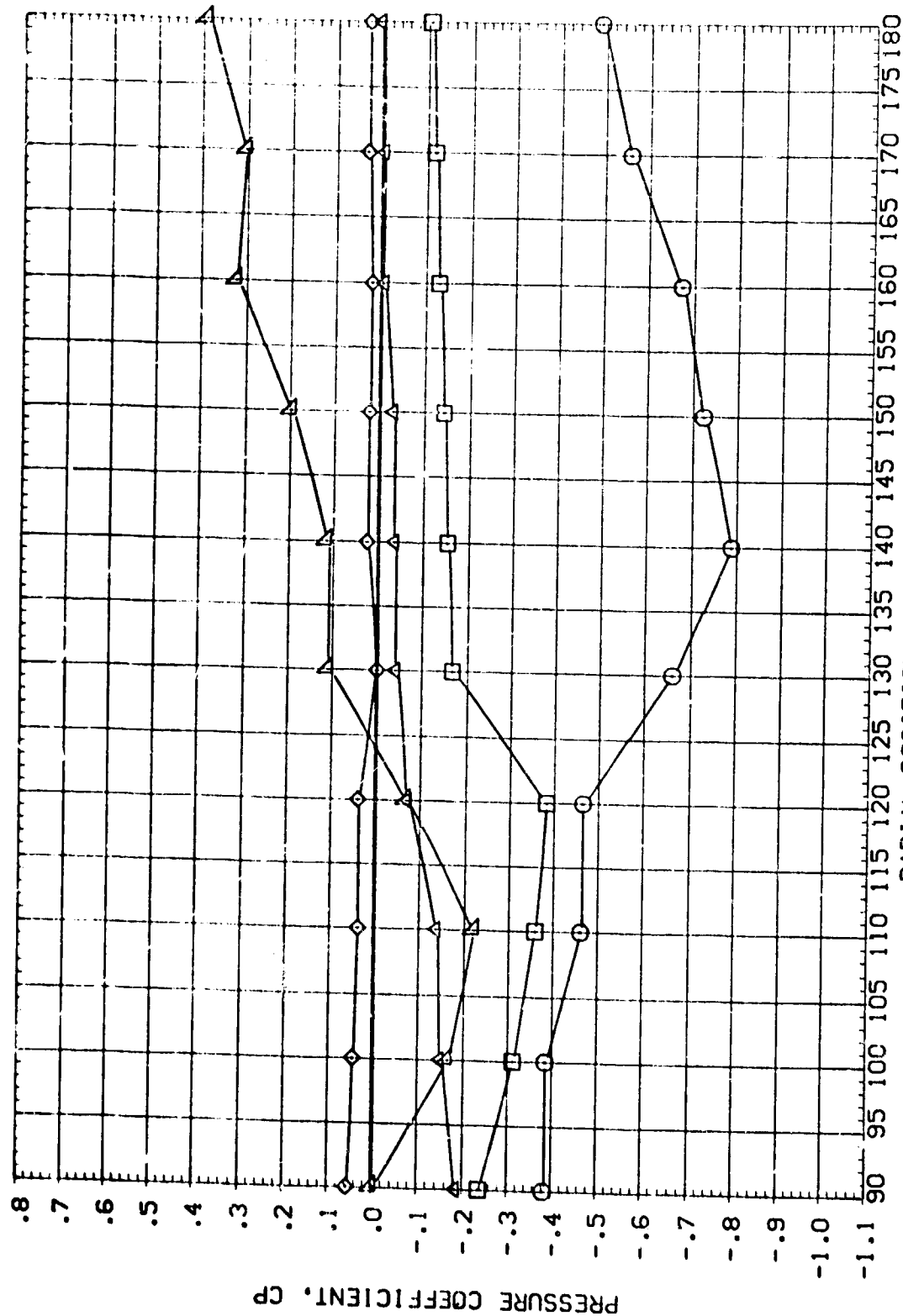


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 65-600 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

SYMBOL	X/L	ALPHA	MAE	BETA	PARAMETRIC VALUES
△	.264	6.509	1.000	.000	ELEVTR
◇	.405			.000	RUDDER
○	.546			3.500	
□	.689				
△	.829				

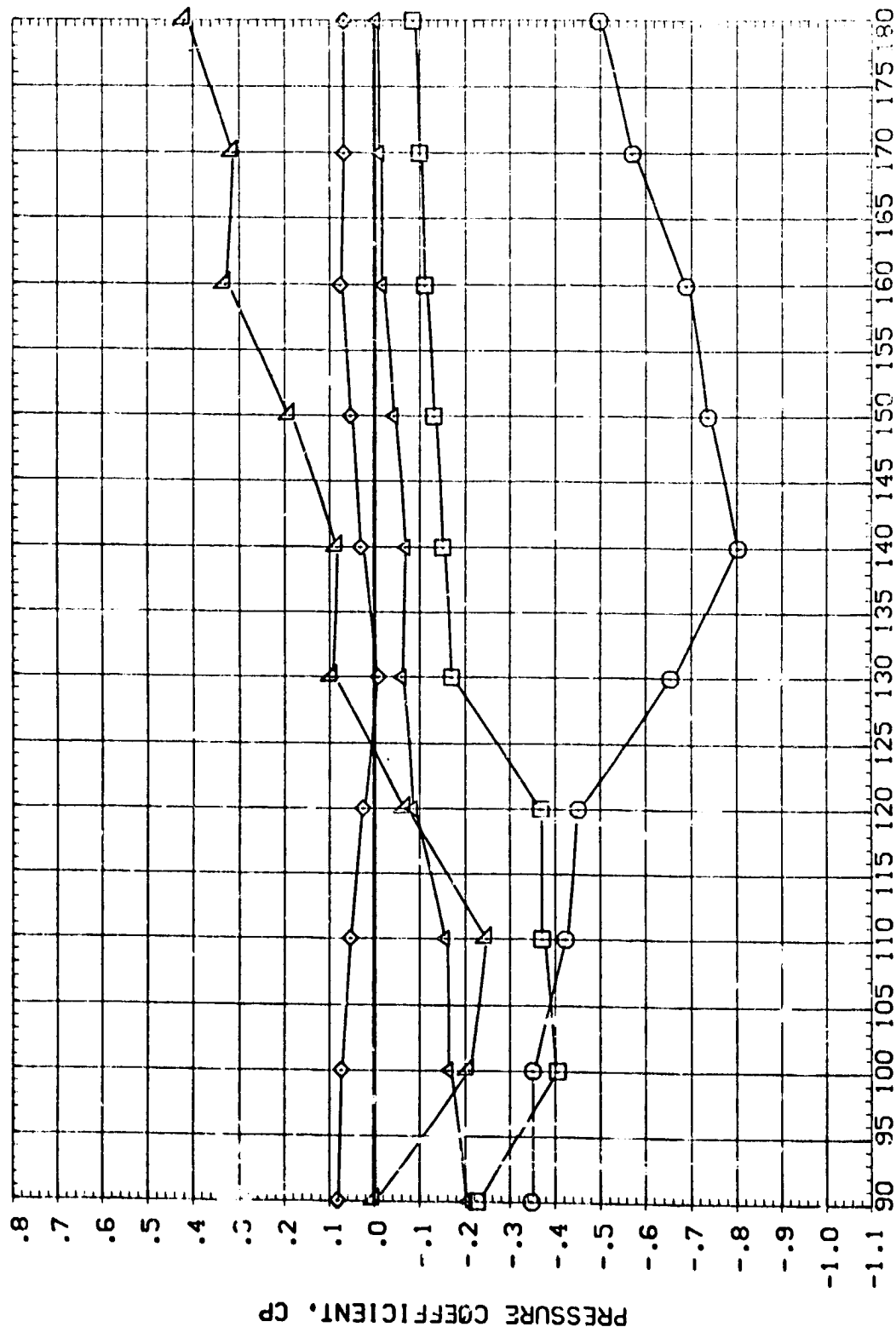


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 A. LRON .000 RJODER .000
 FN/L 3.500

SYMBOL X/L ALPHA MACH
 0 0.264 8.695 1.058
 1 0.405
 2 0.545
 3 0.688
 4 0.829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE
 RADIAL POSITION . PHI . DEGREES

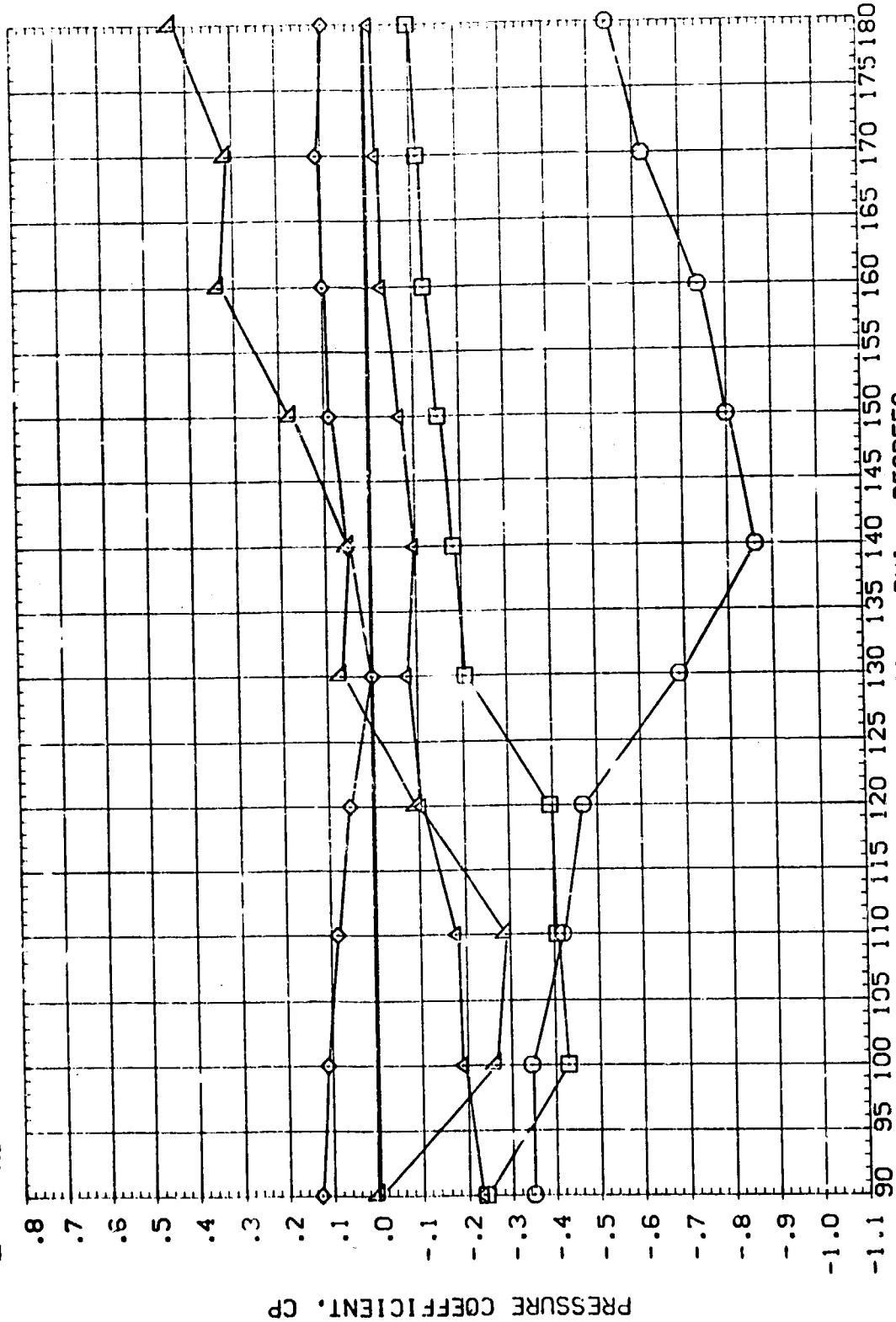


AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 .000 FLEVTR -15.000
 .000 AILRON .000
 3.500 RN/L

BETA
 AILRON
 RN/L

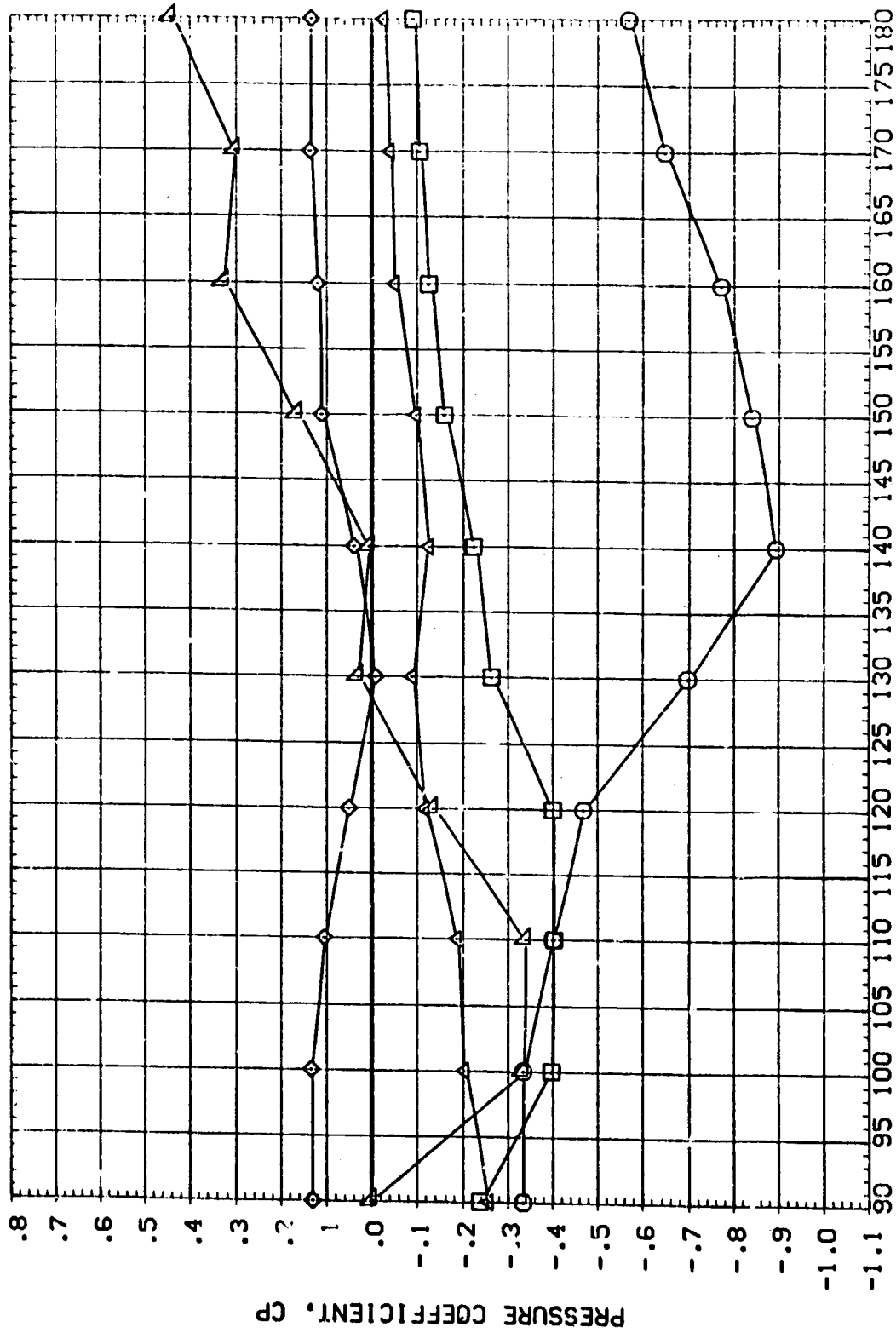
SV500 X/L ALPHA MACH
 .264 10.750 1.053
 .405
 .546
 .689
 .92



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	R.DCER	
○	.264	12.880	1.051	.000	.000	.000	-15.000
□	.405			.000	.000	.000	.000
◇	.546			3.500			
△	.688						
▽	.829						

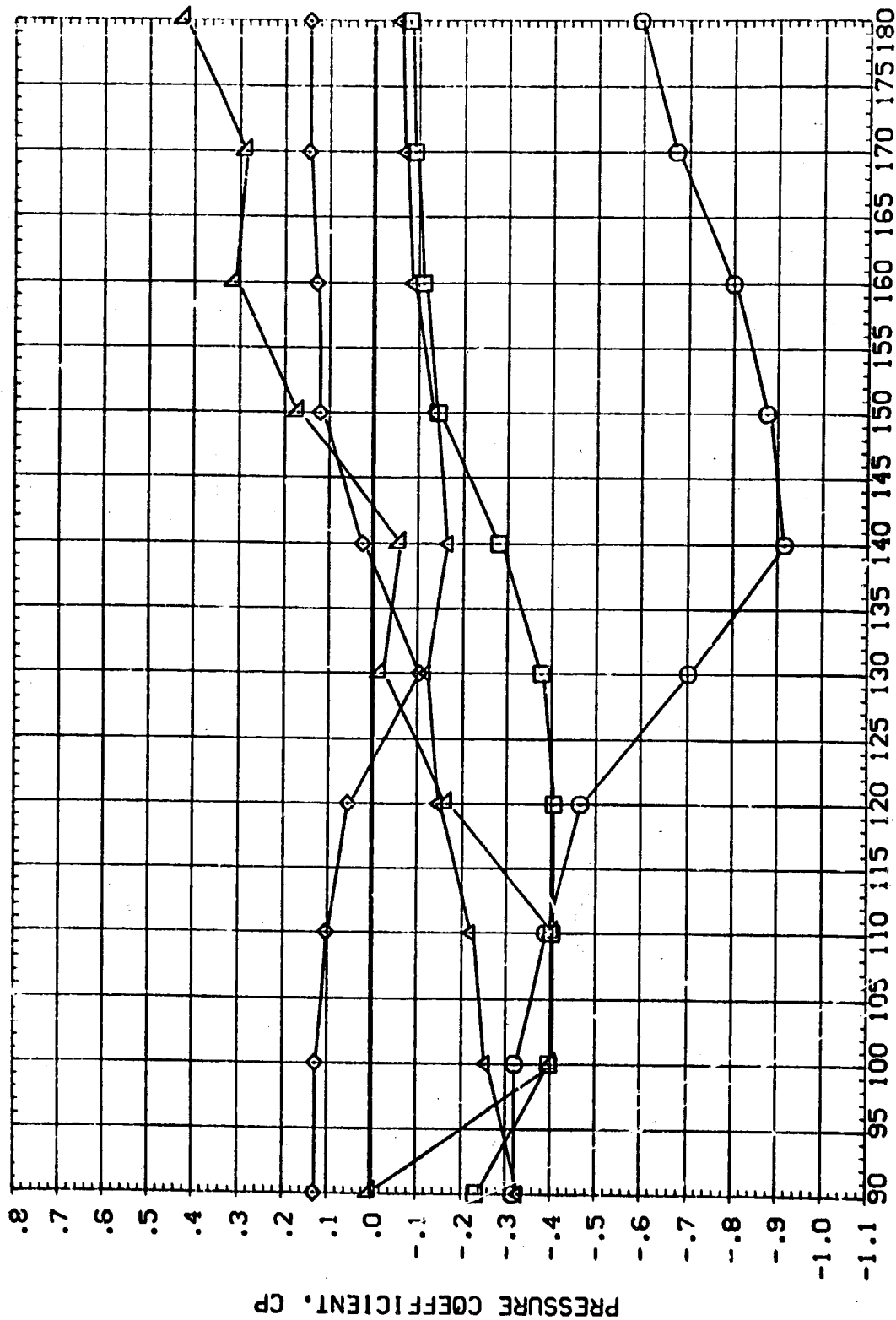


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RN/L 3.500

SYMBOL X/L ALPHA MACH
 .264 14.910 1.045
 .405
 .546
 .698
 .923

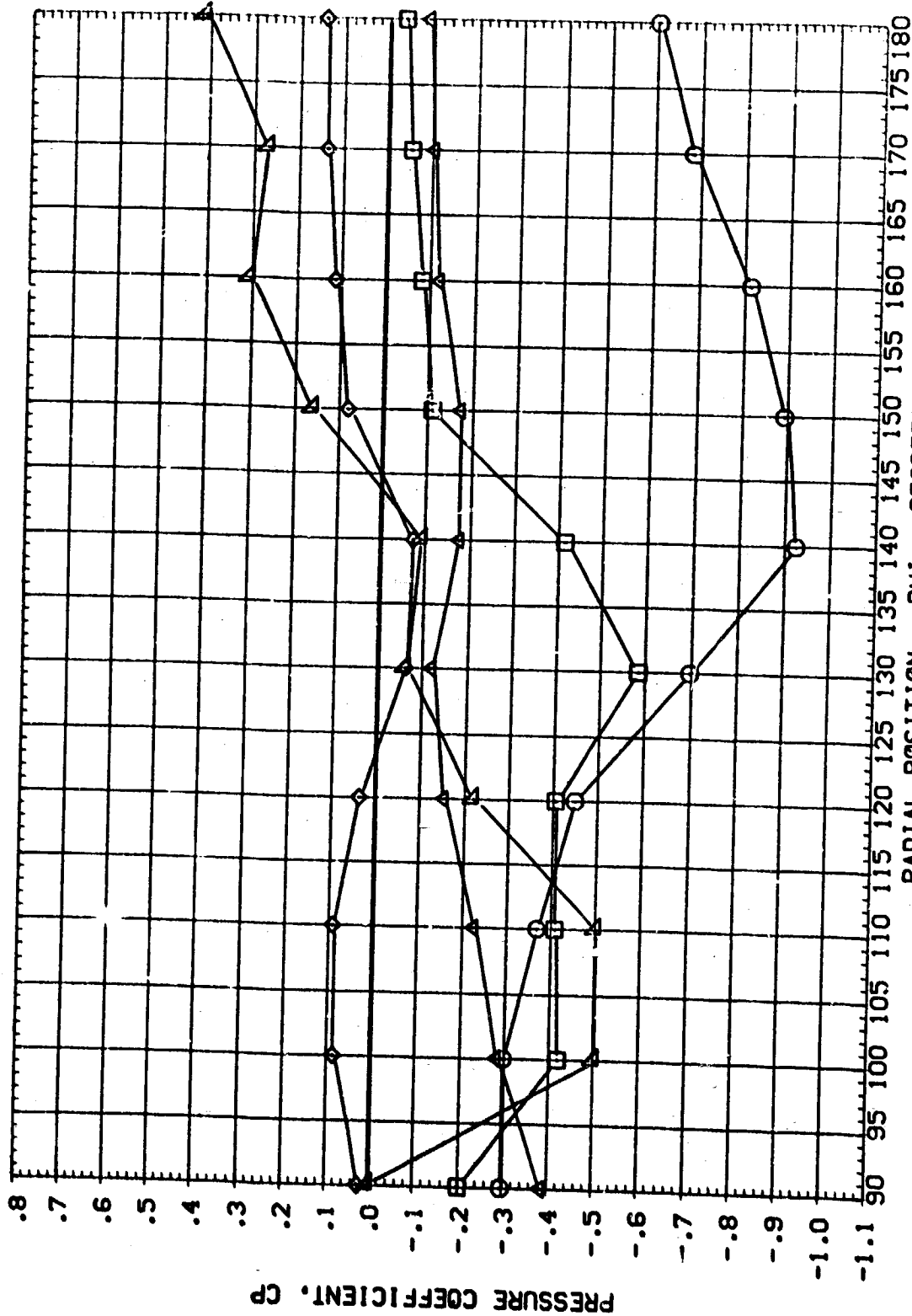


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL X/L ALPHA MACH
 ○ .264 17.070 1.049
 □ .405
 ◇ .546
 △ .688
 ▲ .829

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RNVL 3.500

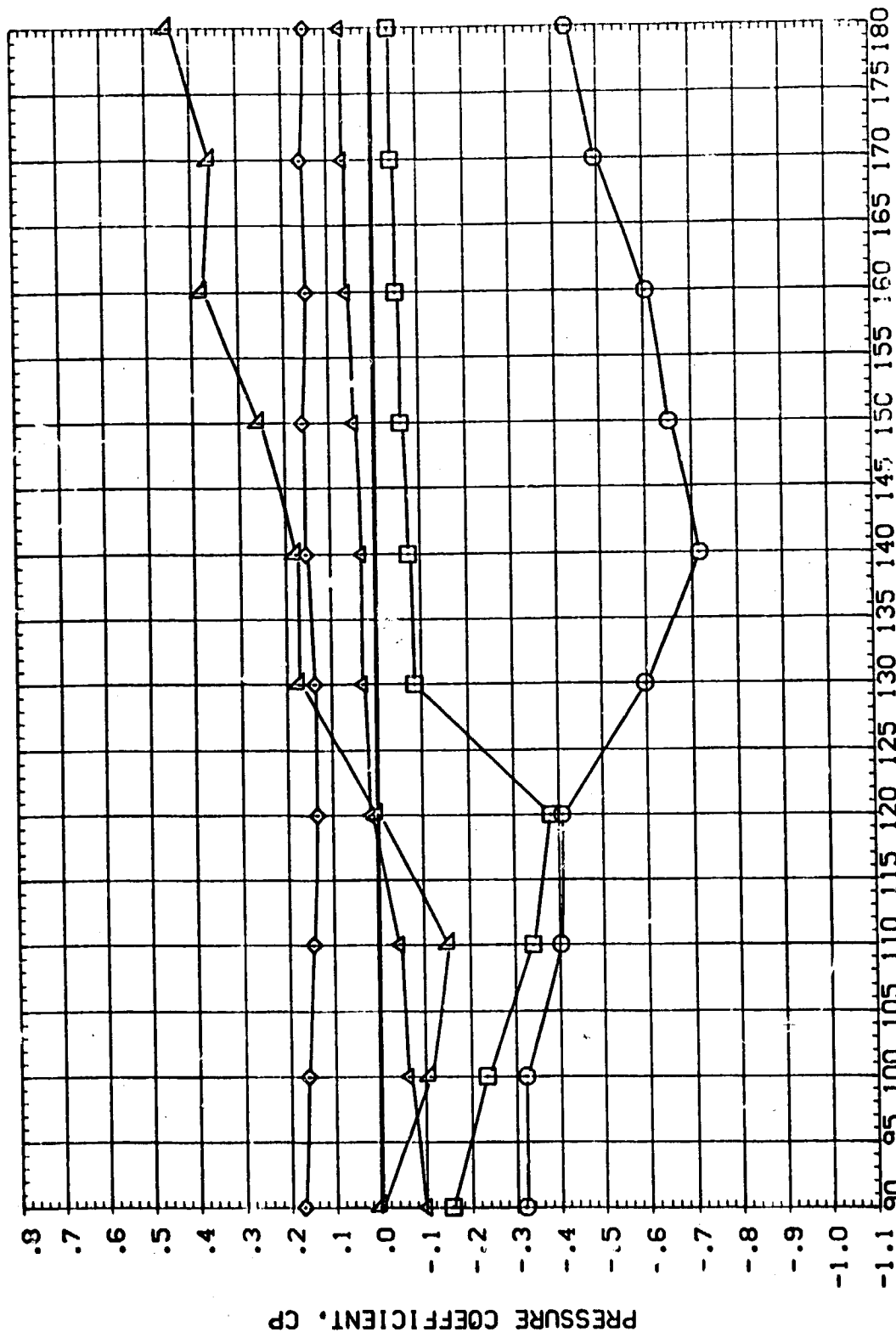


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RN/L 3.500

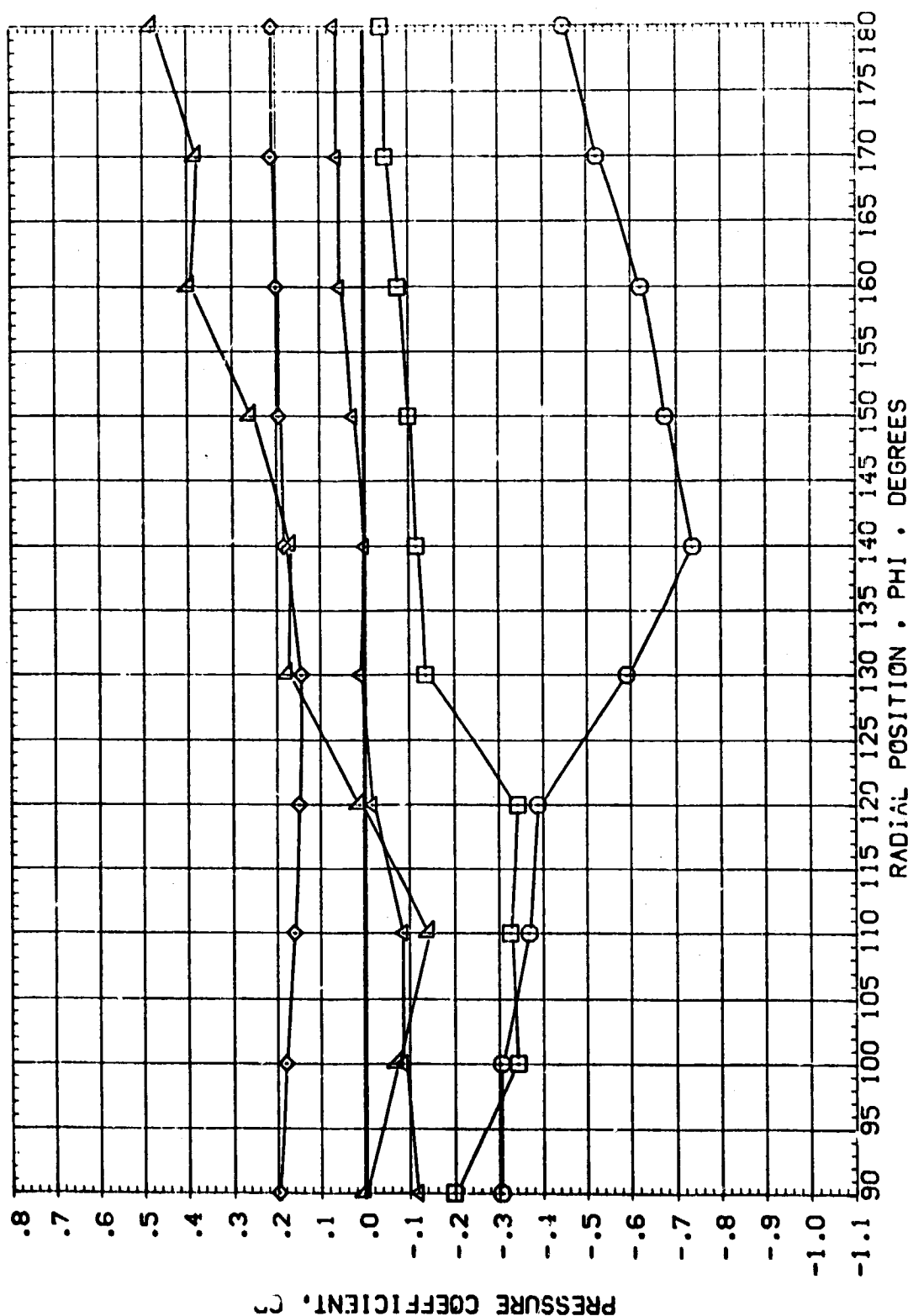
SYM-30 X/L ALPHA MACH
 .264 6.512 1.098
 .405
 .546
 .688
 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE
 RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

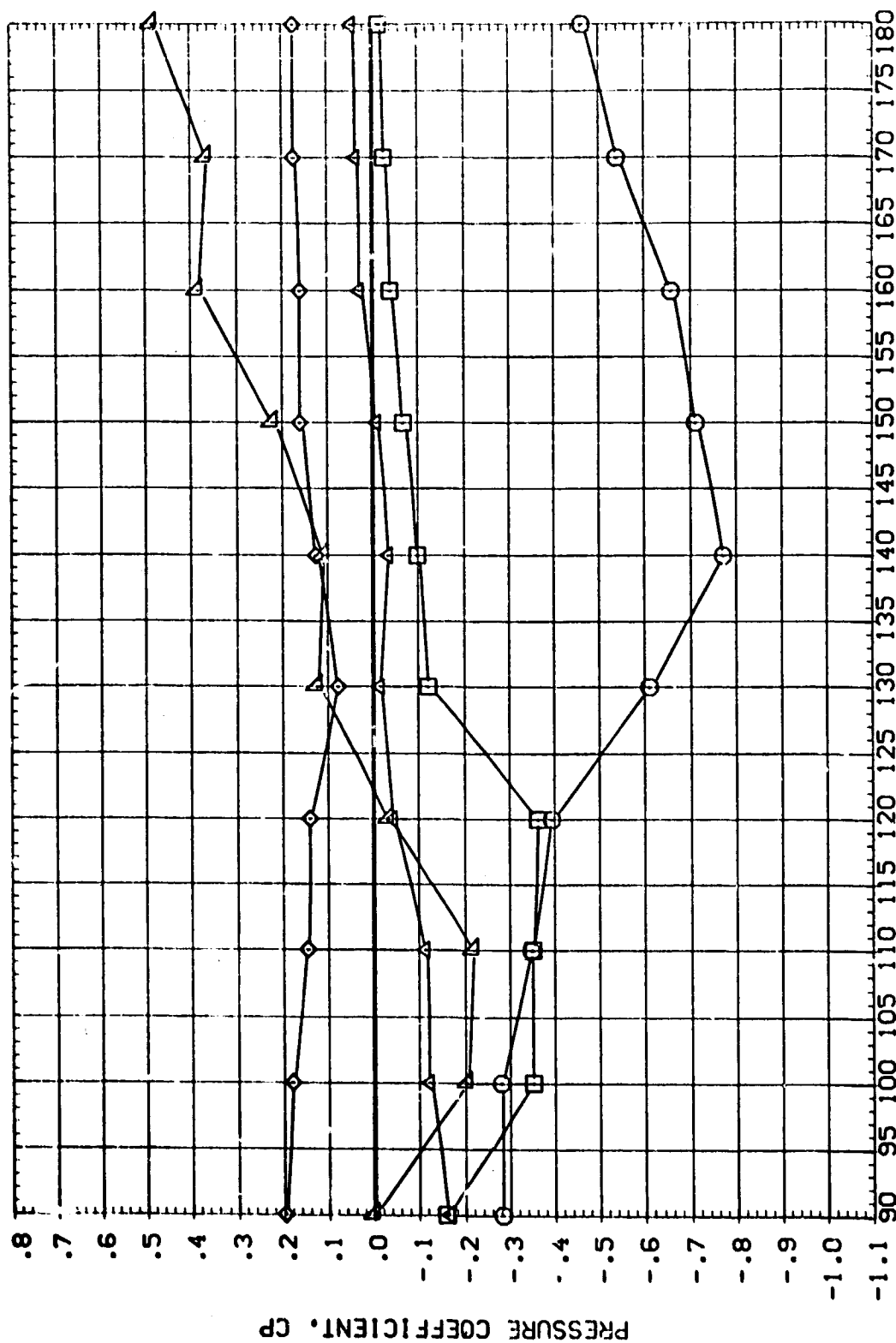
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	8.708	1.104	AILRON	.000 ELEVTR
□	.405			RN/L	.000 RUDDER
◇	.546				3.500
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

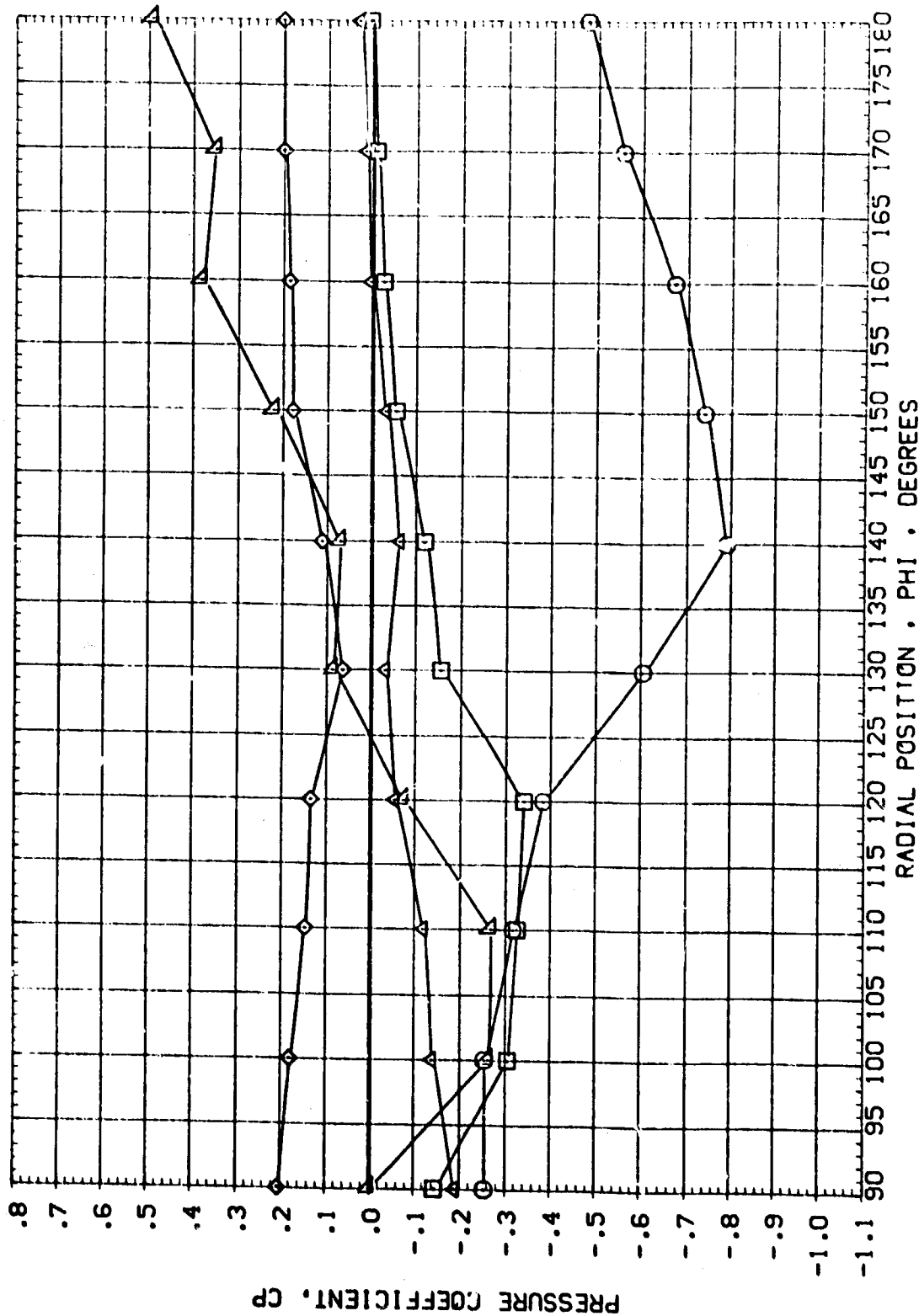
SVGCL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
000	.264	10.780	1.098	BETA	.000	ELEVTR	-15.000
000	.405			AILRON	.000	RLOOR	.000
000	.546			RV/L	3.500		
000	.688						
000	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RJDDER	
○	.264	12.910	1.098	.000	.000	3.500	-15.000
◇	.495			.000	.000		.000
△	.546						
▽	.688						
▽	.829						



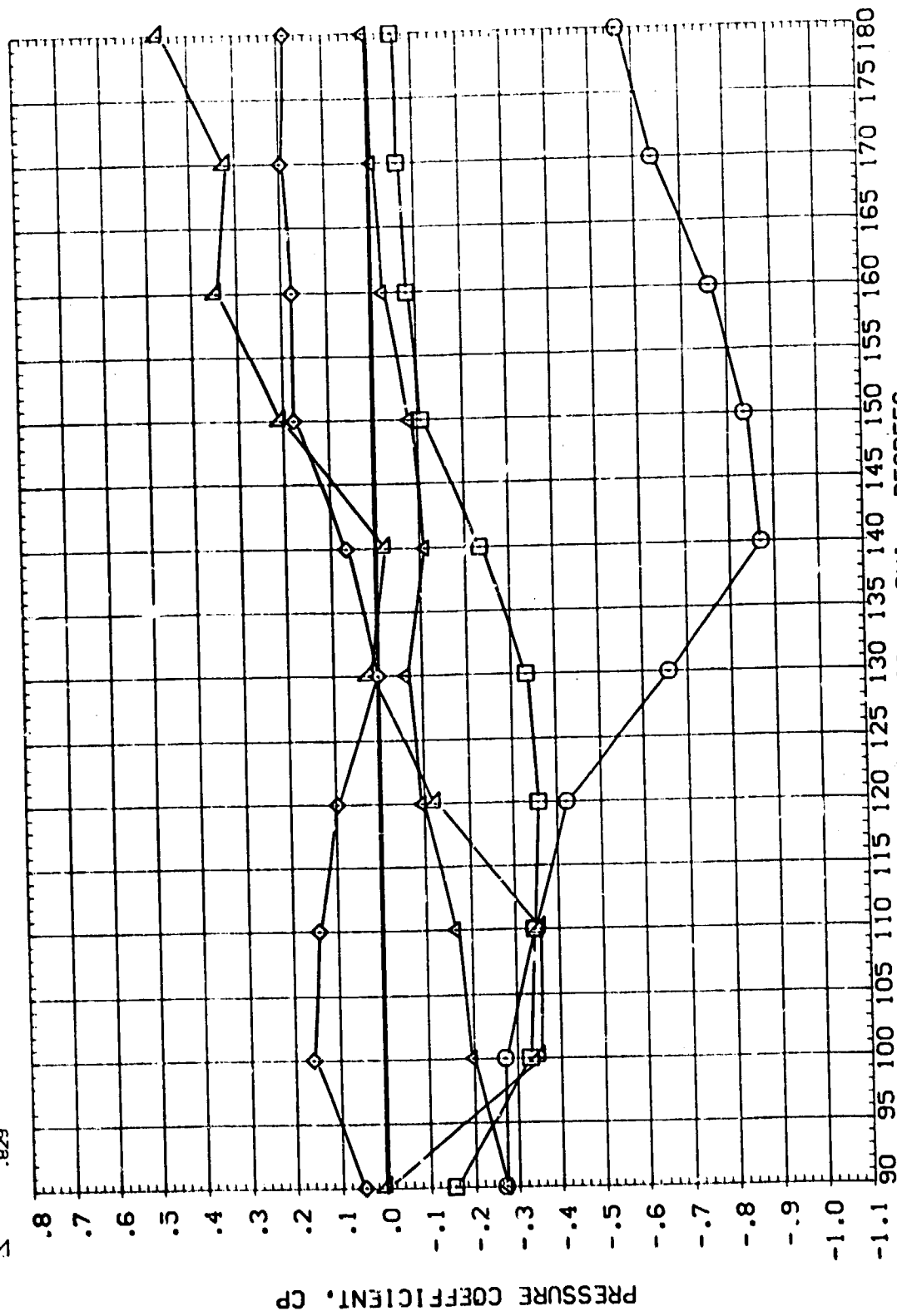
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL X/L ALPHA MACH
.264 15.000 1.084
.405
.546
.688
.829

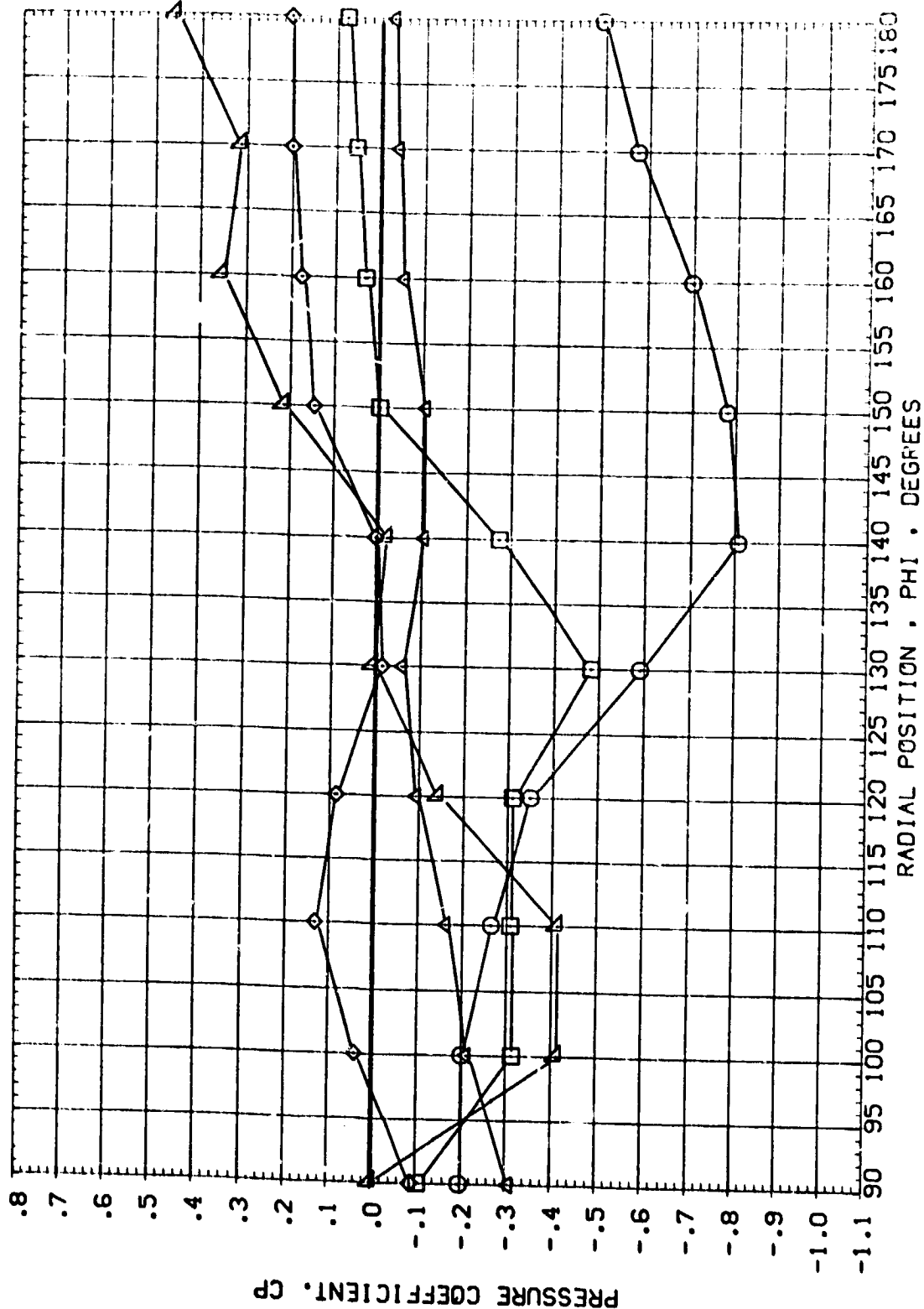
PARAMETRIC VALUES
BETA .000 ELEVTR -15.000
AIRFOIL .000 RUCOER .000
RW/L 3.500



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE
RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	17.040	1.101	.000	ELEVTP
□	.405			.000	RUDOFF
◇	.546			3.500	
△	.688				
▽	.823				



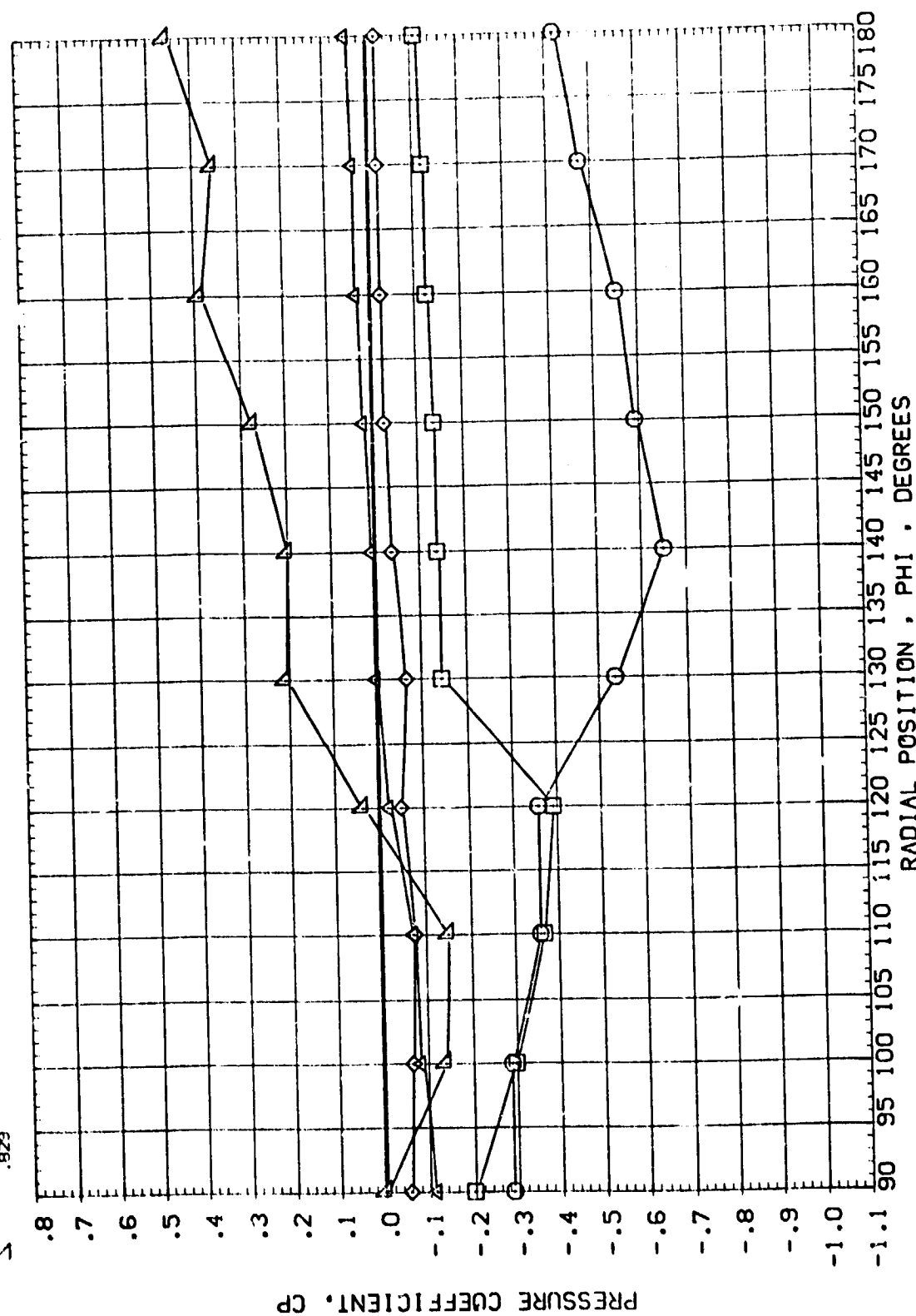
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 .000 ELEVTR
 .000 RUDDER
 3.500

BETA
 AILRON
 RV/L

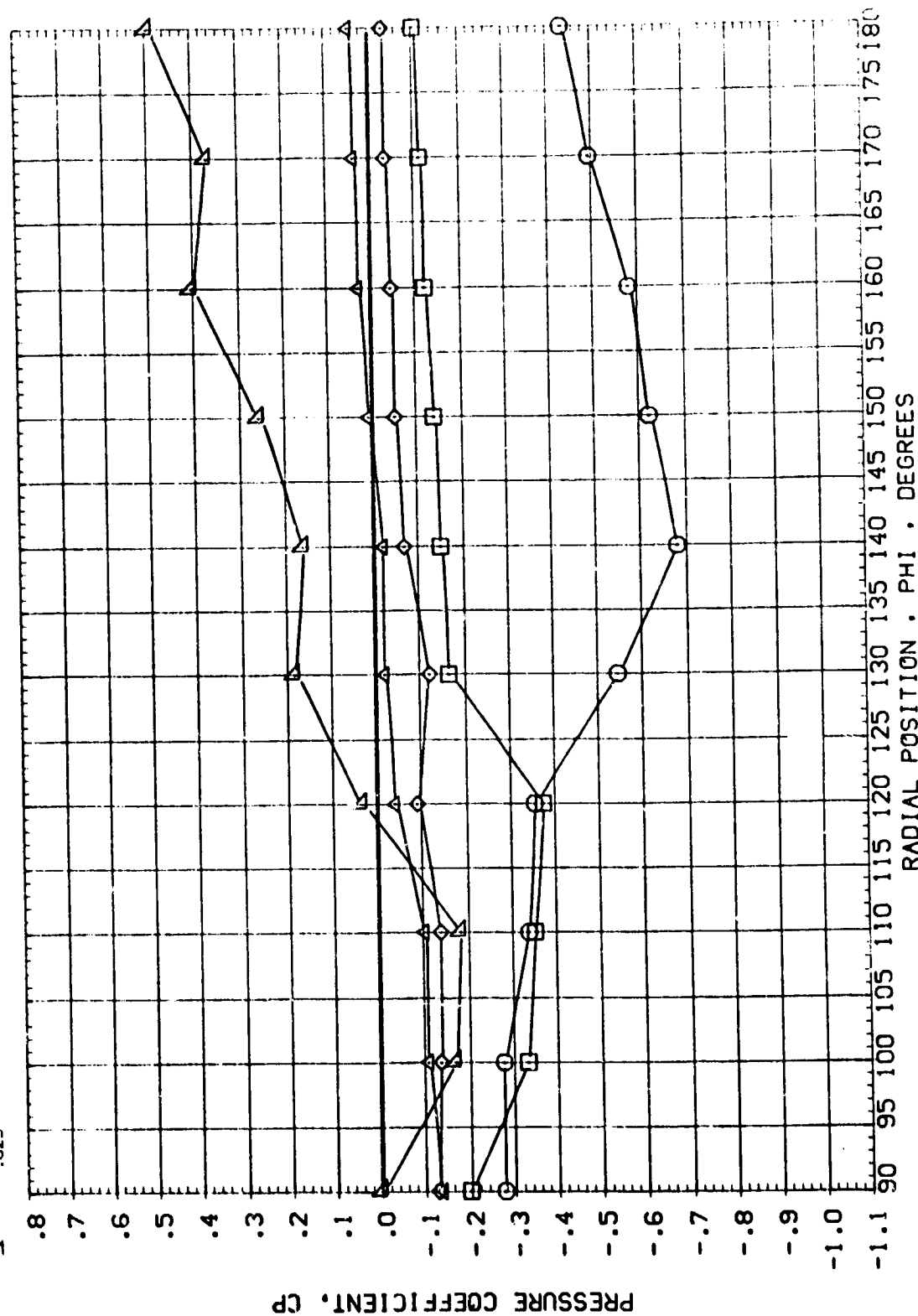
ALPHA MACH
 6.506 1.150
 X/L .264
 .425
 .545
 .688
 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	R/DOR	
△	.264	8.715	1.149	.000	.000	.000	-15.000
◇	.405			.000	.000	.000	.000
□	.546						
○	.688						
▽	.829						

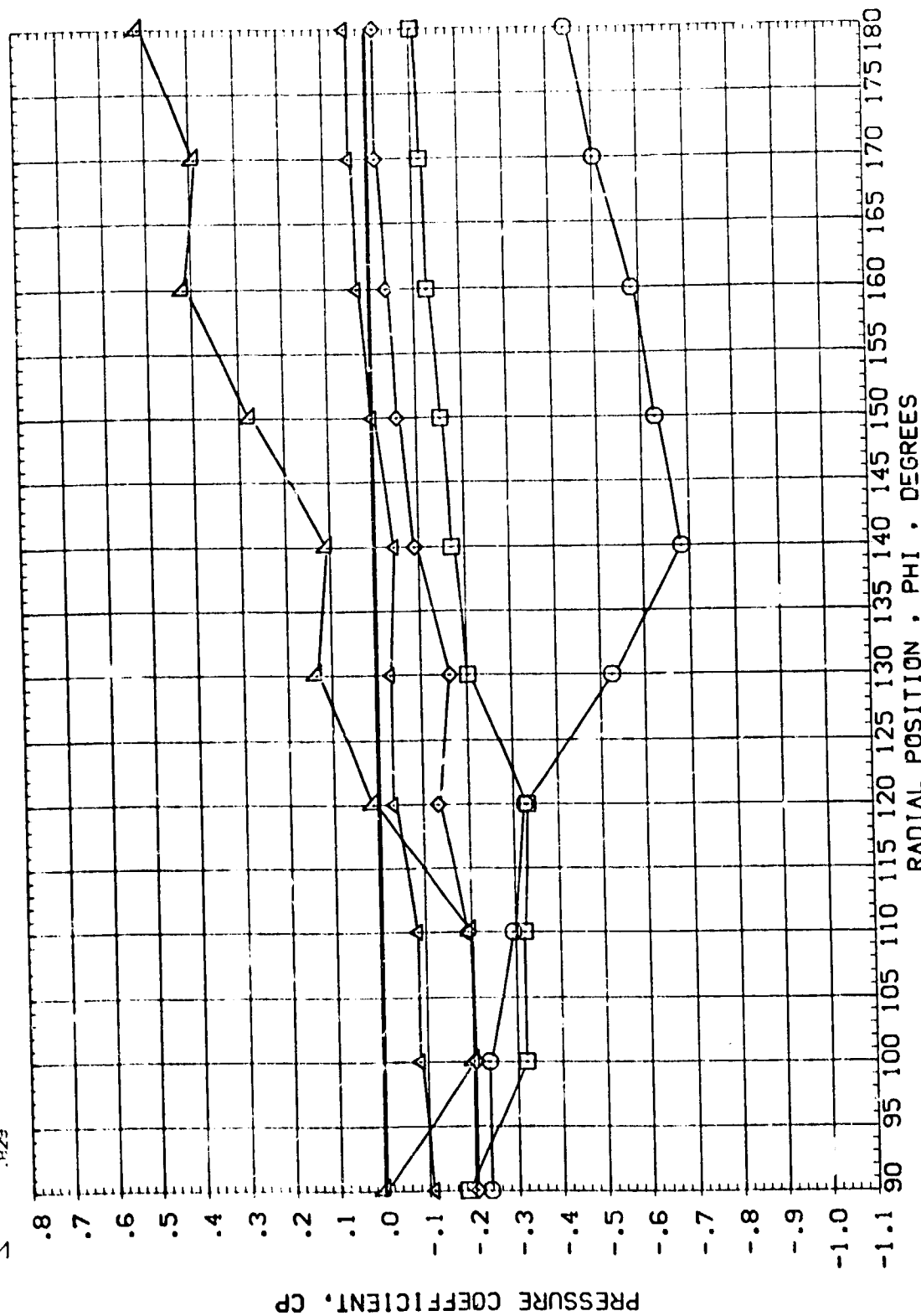


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 56-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SVN	ALPHA	MACH	BETA	ELEVTR
0.264	0.770	1.155	.000	.000
.425			.000	.000
.545			3.500	
.688				
.829				

PARAMETRIC VALUES



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

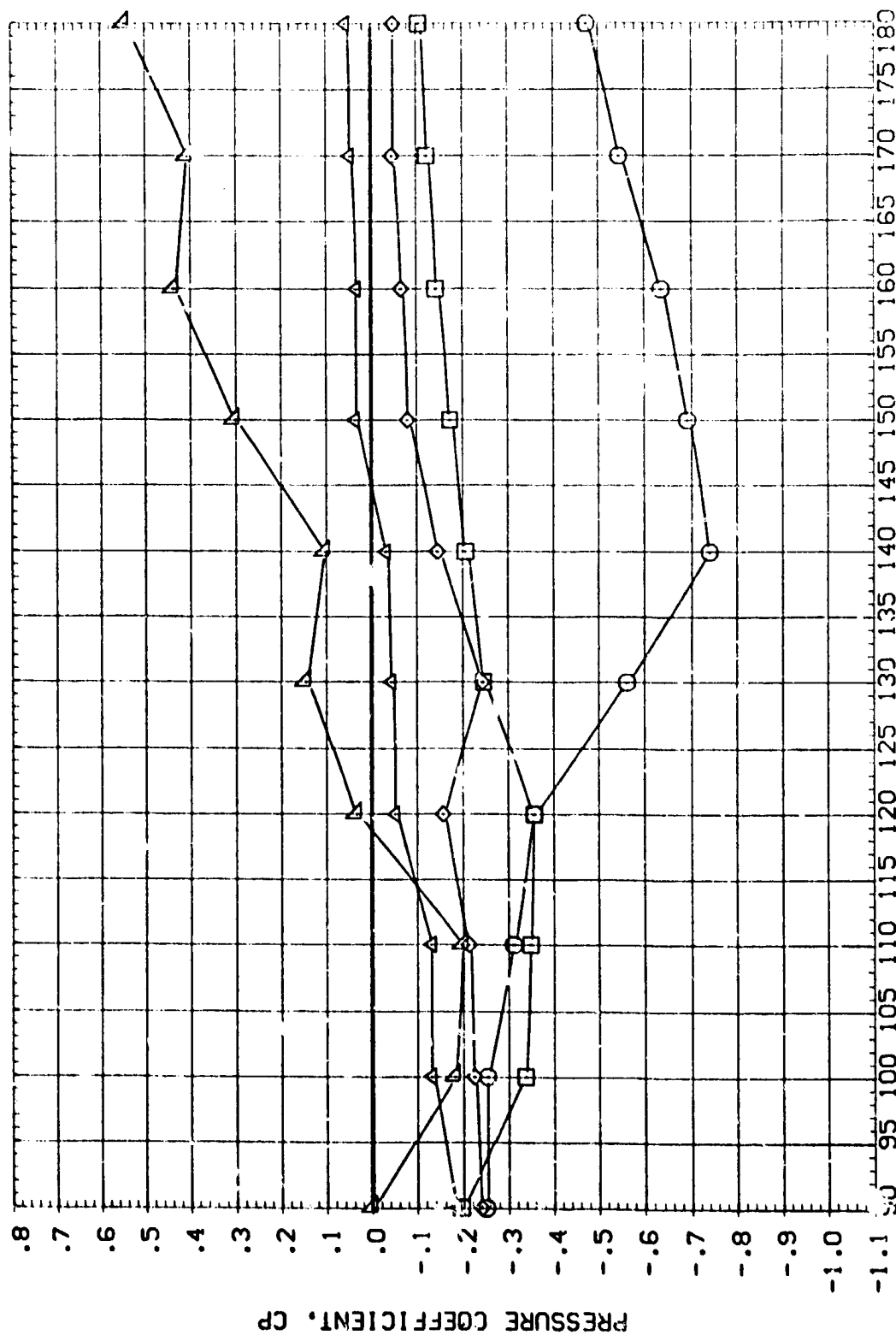
AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

PARAMETRIC VALUES

BETA	ELFVTR	-15.000
AILRON	.000	.000
RN/L	3.500	

SYMBOL X/L ALPHA MACH

○	.264	12.840	1.149
□	.405		
◇	.546		
△	.688		
▽	.829		

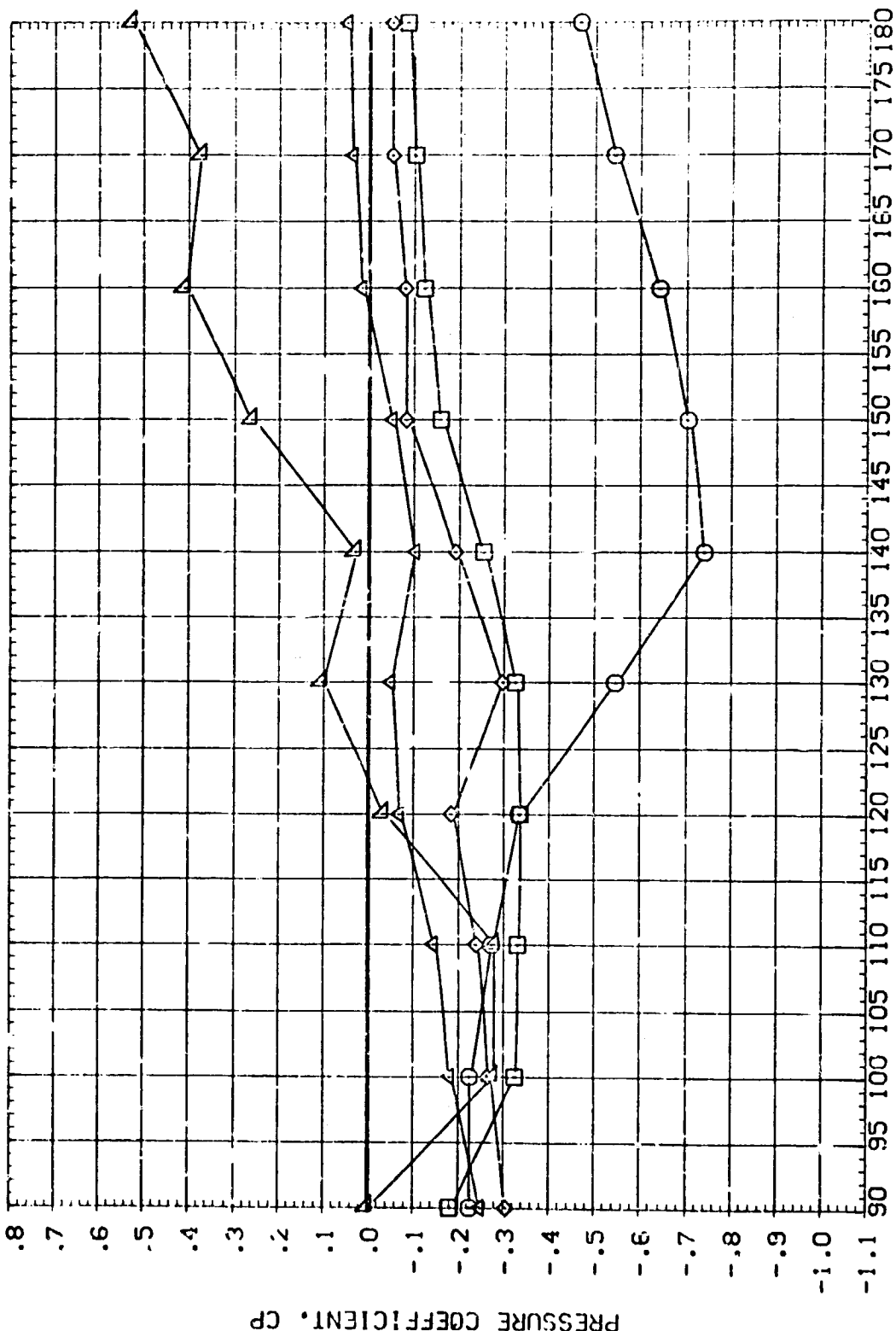


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 56-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

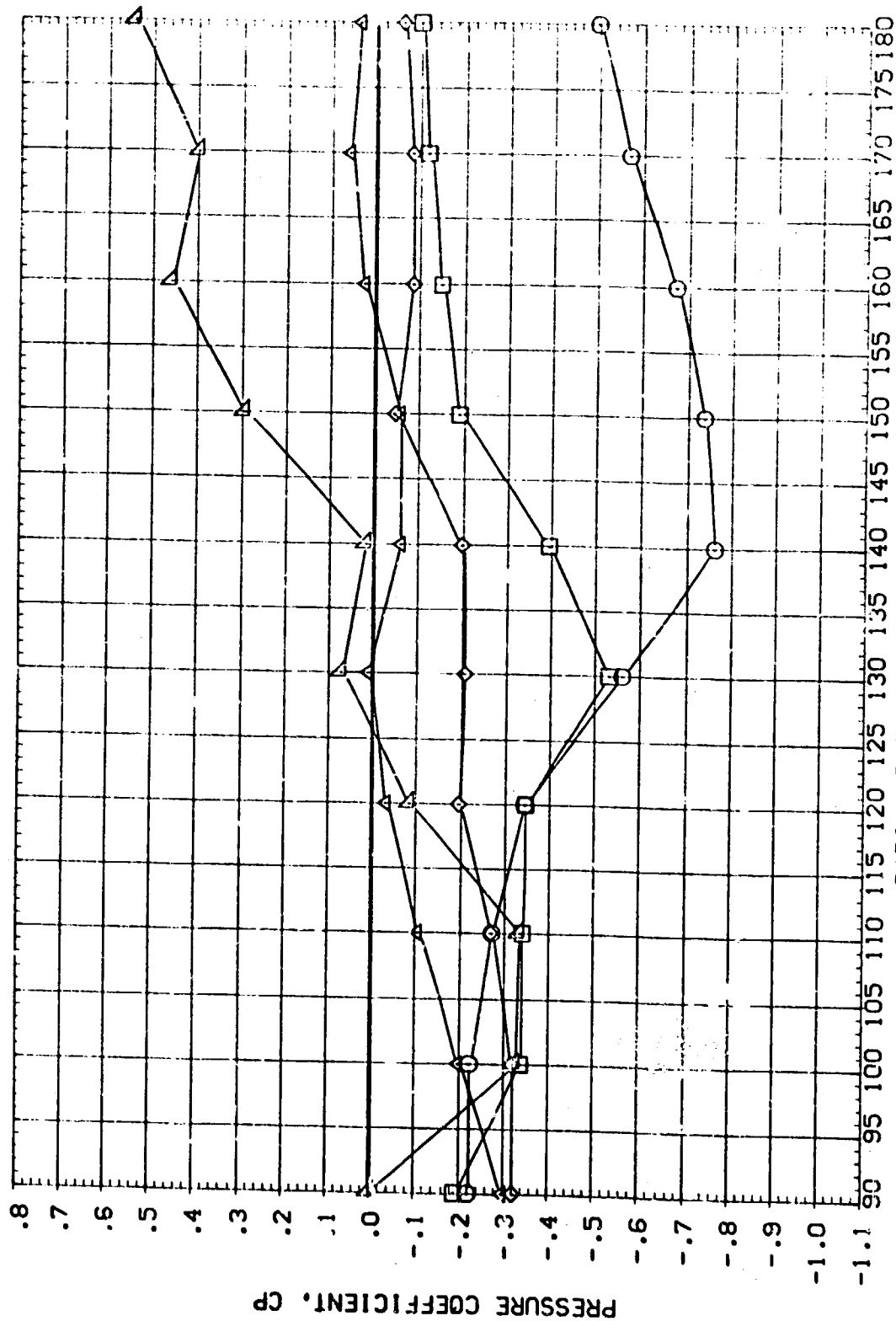
X/L	ALPHA	MACH	PARAMETRIC VALUES			
			BETA	ELEVTR	RUDDEP	
.264	14.980	1.148	.000	.000	.000	-15.000
.405			.000	.000	.000	
.516						
.688						
.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

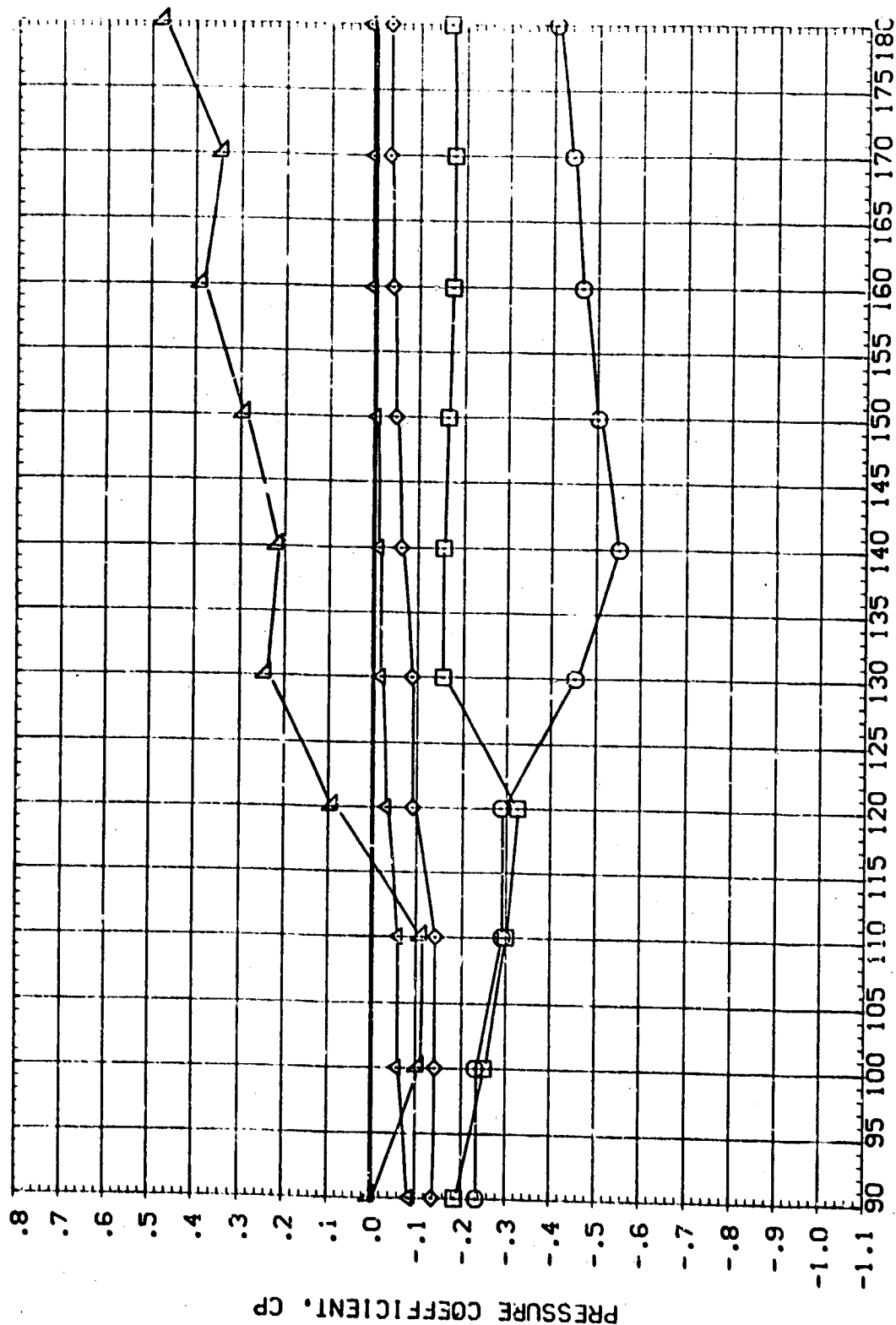
SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES
▽	.264	17.050	1.151	.000	.000	.000	ELEVTR -5.000
△	.403			.000	.000	.000	RUDDER .000
◇	.546						
□	.588						
○	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 56-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

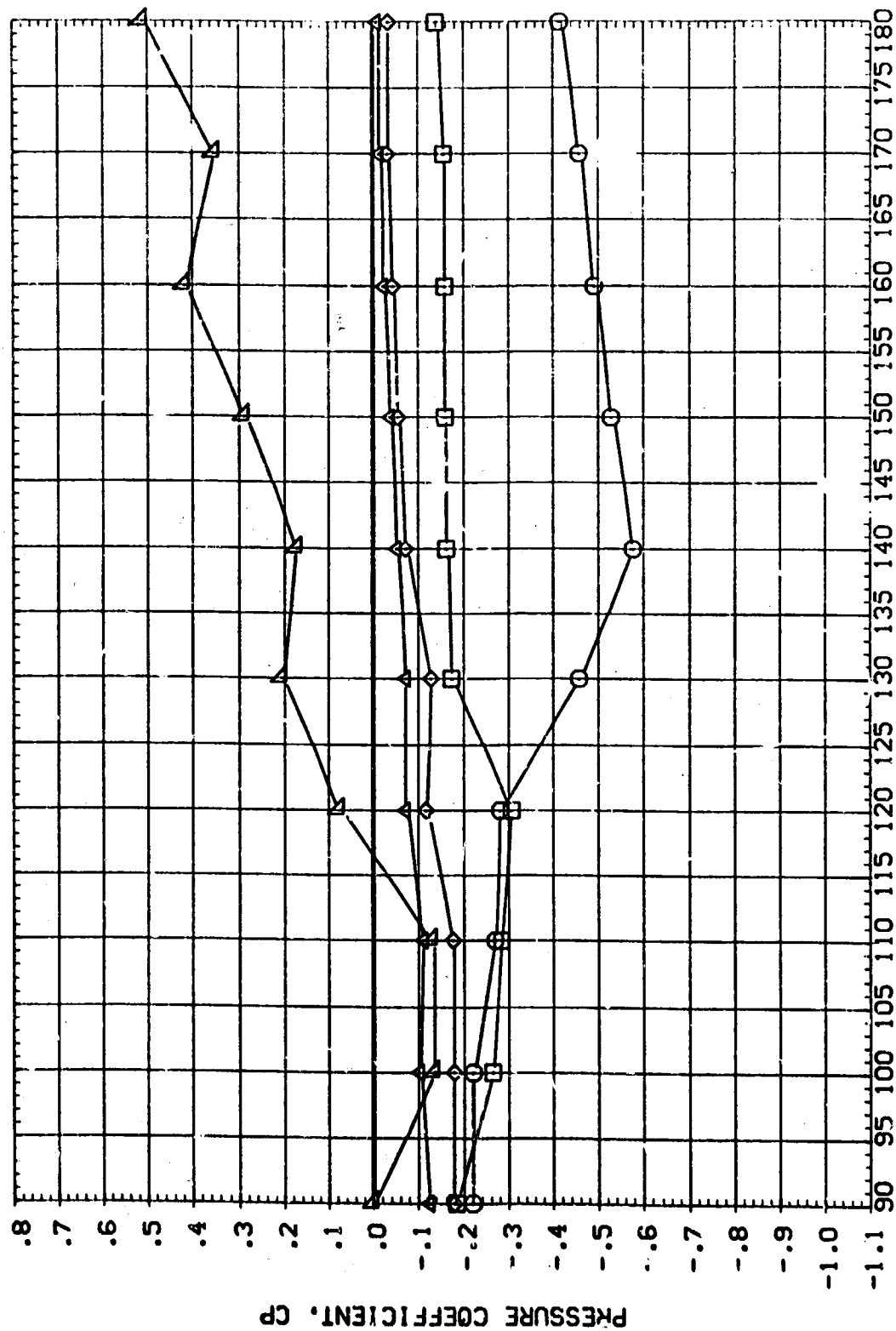
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	5.545	1.252	BETA	.000	ELEVTR
	.405			AILRON	.000	R-DOER
	.545			RN/L	3.500	
	.683					
	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
◇	.264	8.660	1.250	.000	ELEVTR -15.000
◇	.405			.000	RUDDER .000
◇	.546			3.500	
◇	.688				
◇	.829				

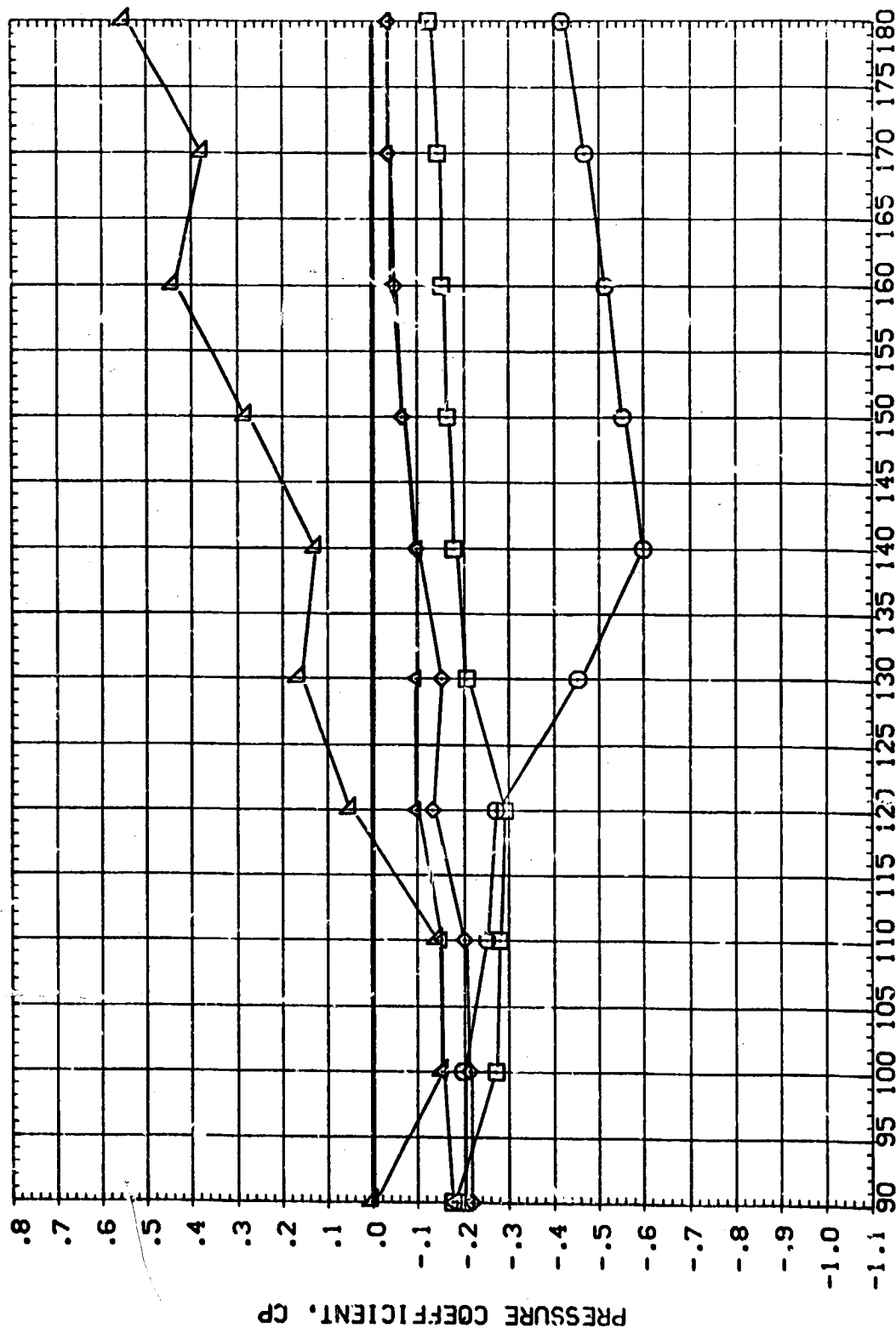


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILTON .000 RUDDER .000
 RV/L 3.500

SYMBOL X/L ALPHA MACH
 0 .264 10.730 1.251
 1 .405
 2 .546
 3 .688
 4 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE
 RADIAL POSITION . PHI . DEGREES

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL

X/L

ALPHA

MACH

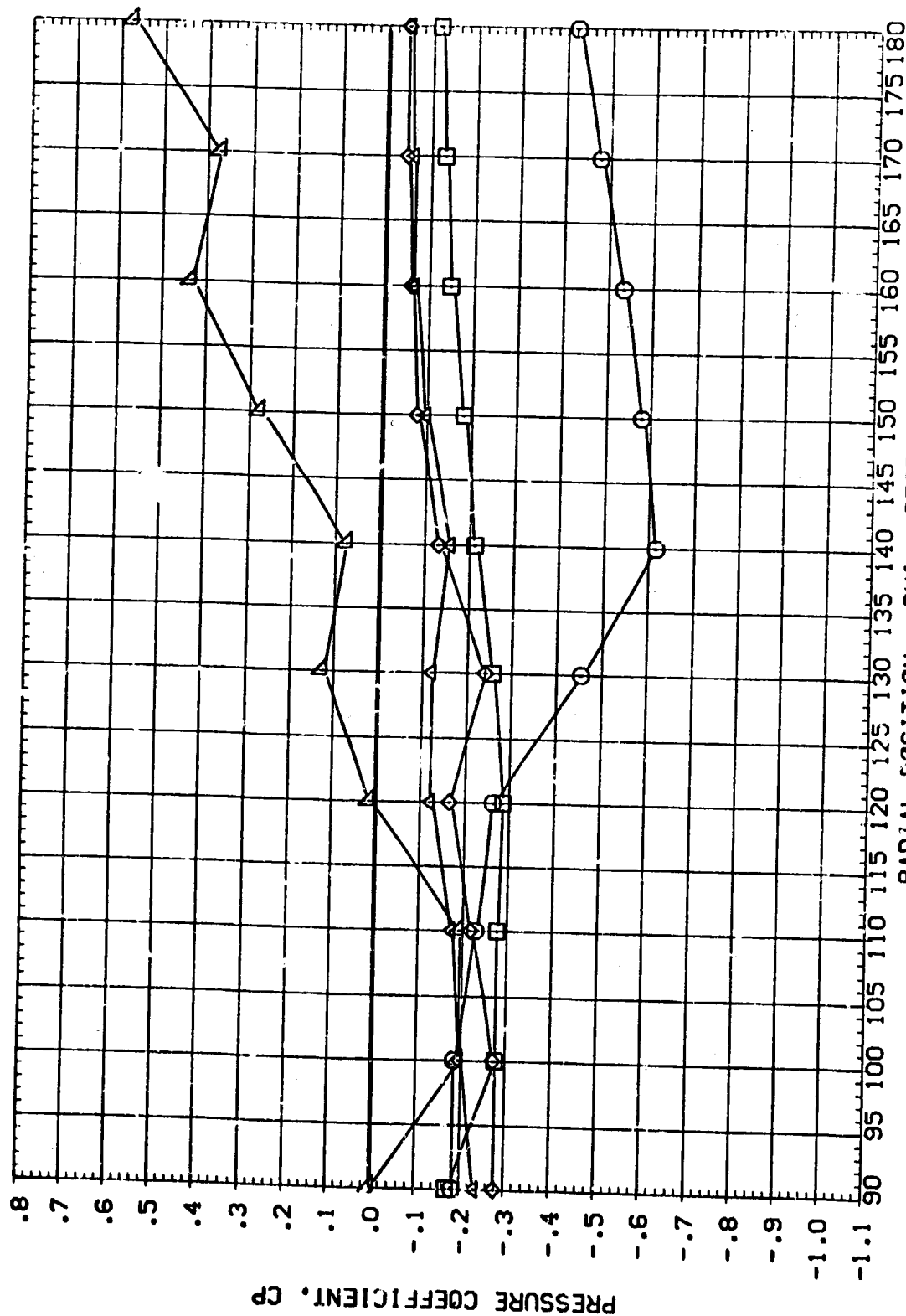
BETA
AILRON
RV/L

PARAMETRIC VALUES

.000
.000
3.500

ELEVTR
PUDDER

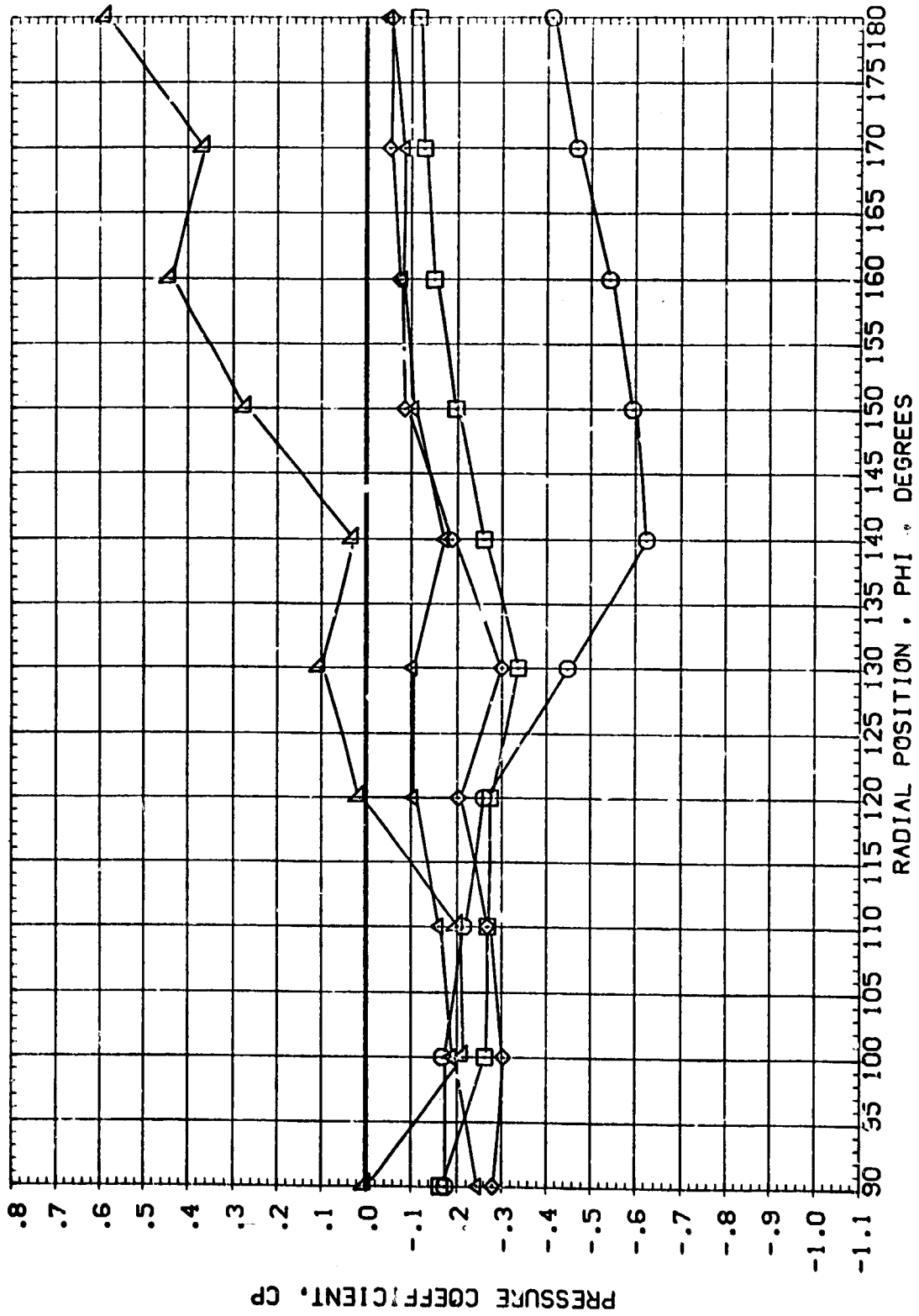
-15.000
.000



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE
RADIAL POSITION, Φ , DEGREES

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDER	
○	.264	14.880	1.253	.000	.000	.000	
◇	.405			.000			
□	.546			.000			
△	.698			3.500			
▽	.829						

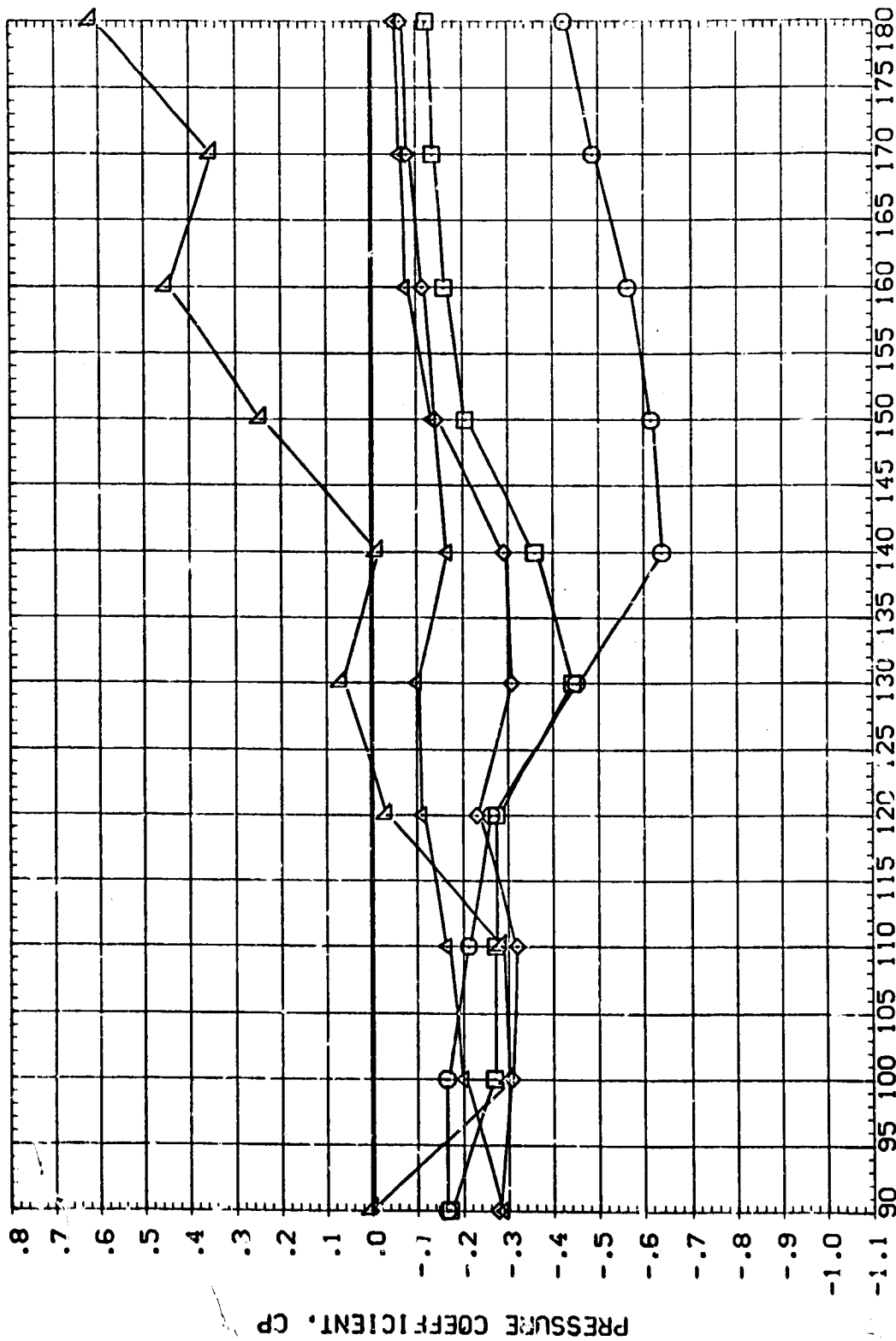


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL X/L ALPHA MACH
 .264 17.010 1.251
 .405
 .546
 .698
 .829

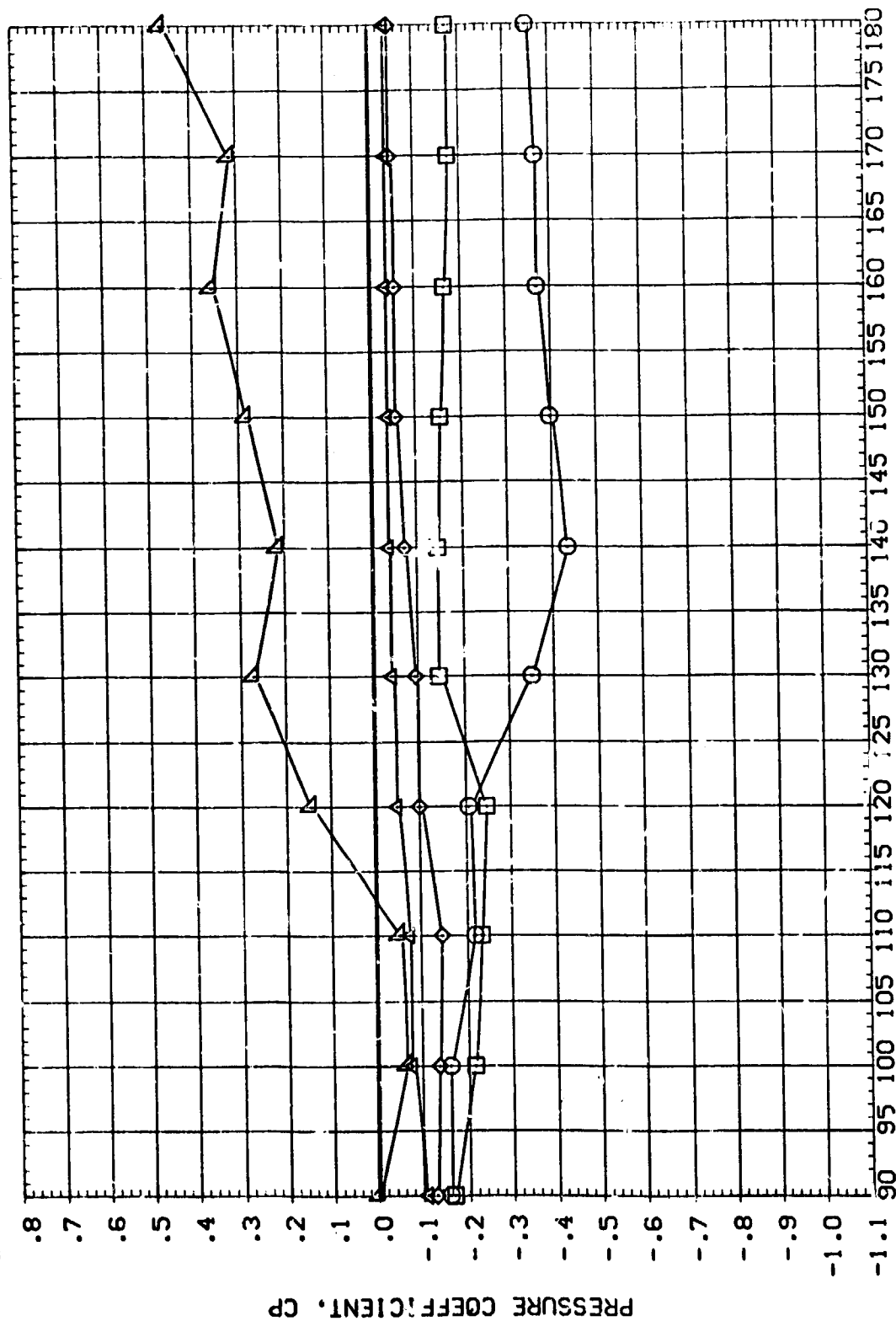
PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRN .000 RUDDER .000
 RN/L 3.500



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO02)

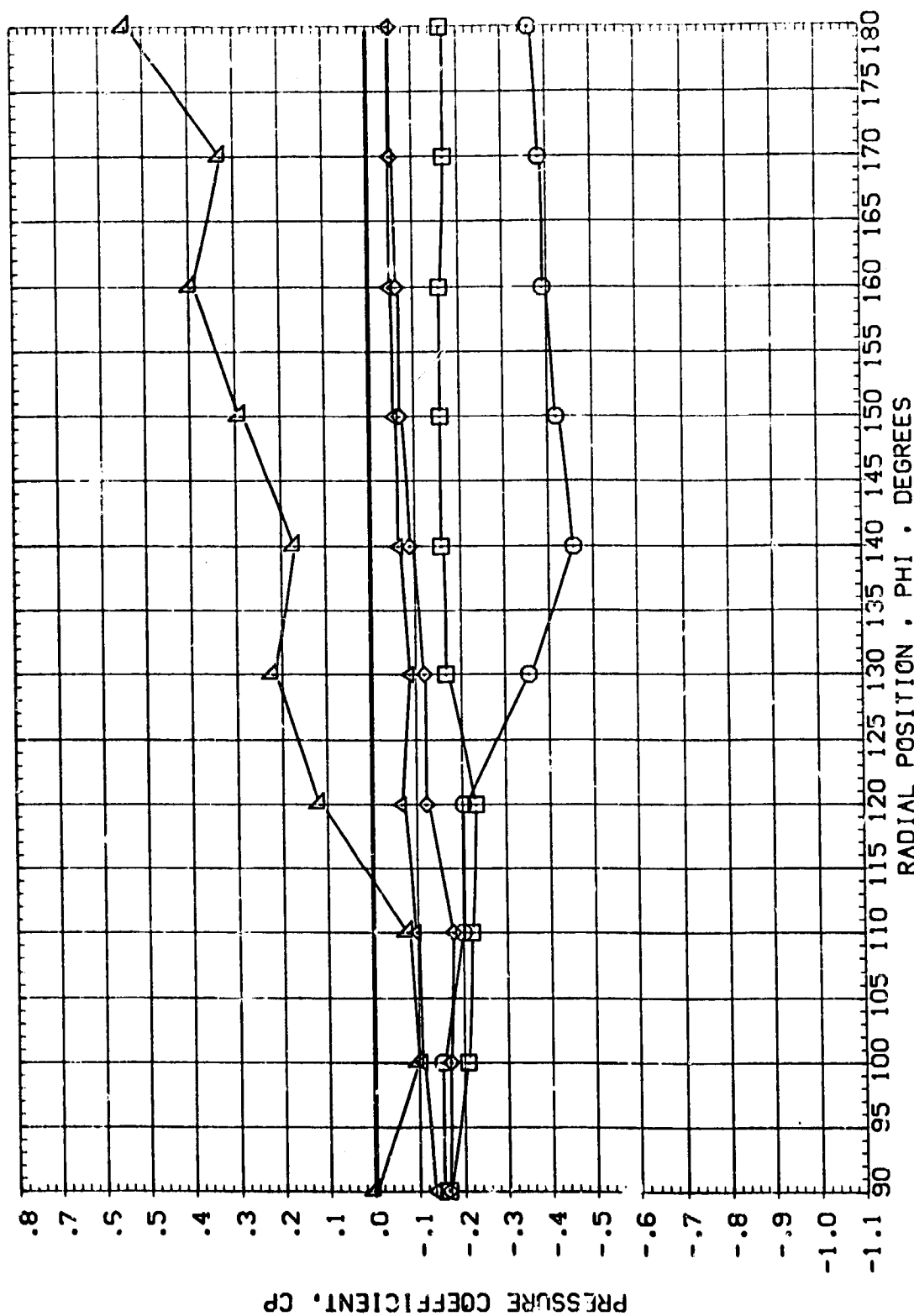
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	-15.000	
				AILRON	.000	RUDDER	.000
				RN/L	3.500		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
△	.264	8.575	1.401	AILRON	.000
▽	.405			RN/L	3.500
◇	.546			ELEVTR	-15.000
□	.688			RUDDER	.000
○	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

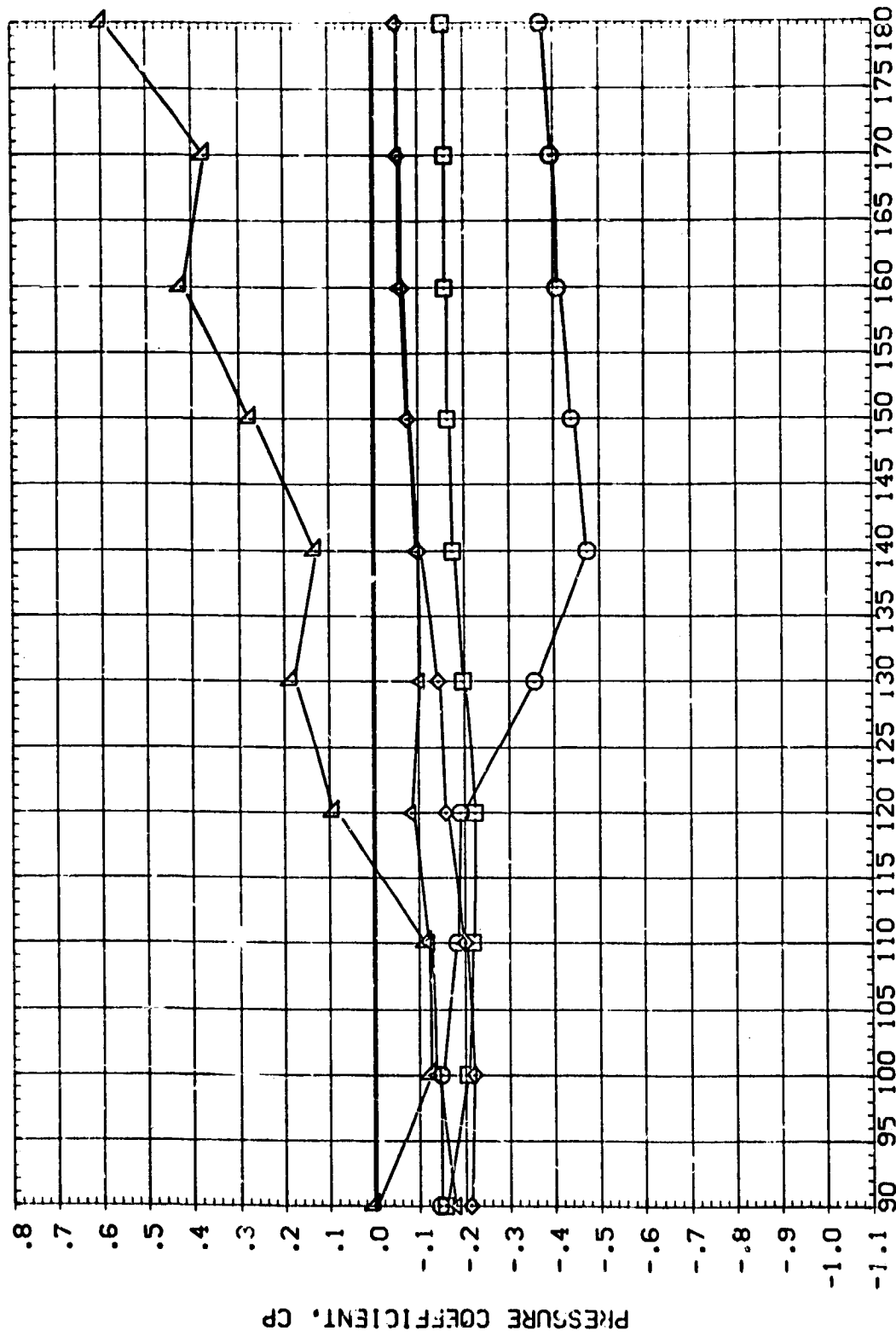
SYMBOL

X/L .264
.405
.546
.688
.829

ALPHA IC.610 MACH 1.401

BETA
AILRON
RV/L

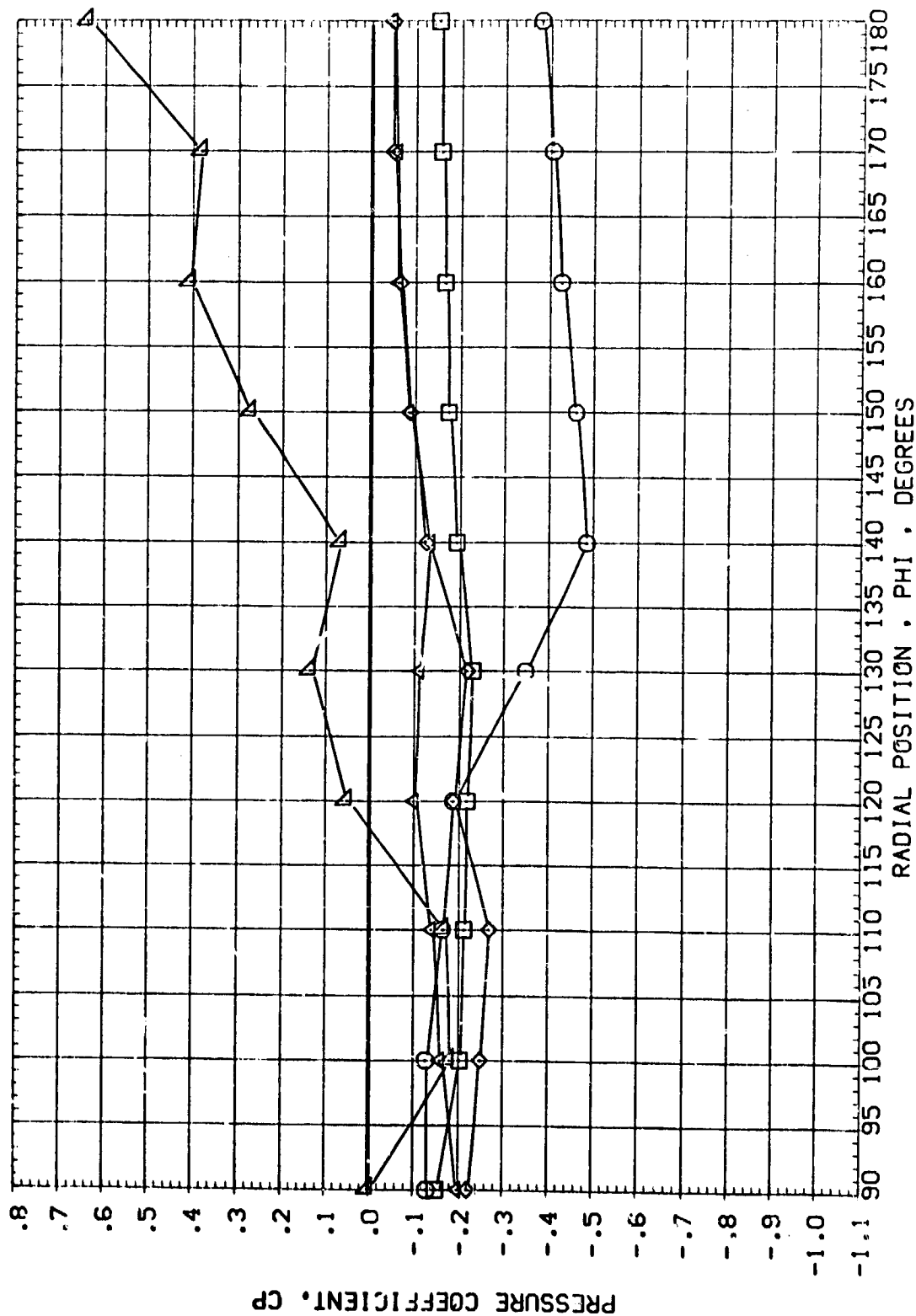
PARAMETRIC VALUES
.000 .000 .000
ELEVTR RUDDER
-15.000 .000



RADIAL POSITION . PHI . DEGREES
RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.264	12.660	1.400	BETA	.000	ELEVTR
	.405			AIRION	.000	RUDDER
	.546			RN/L	3.500	
	.686					
	.829					

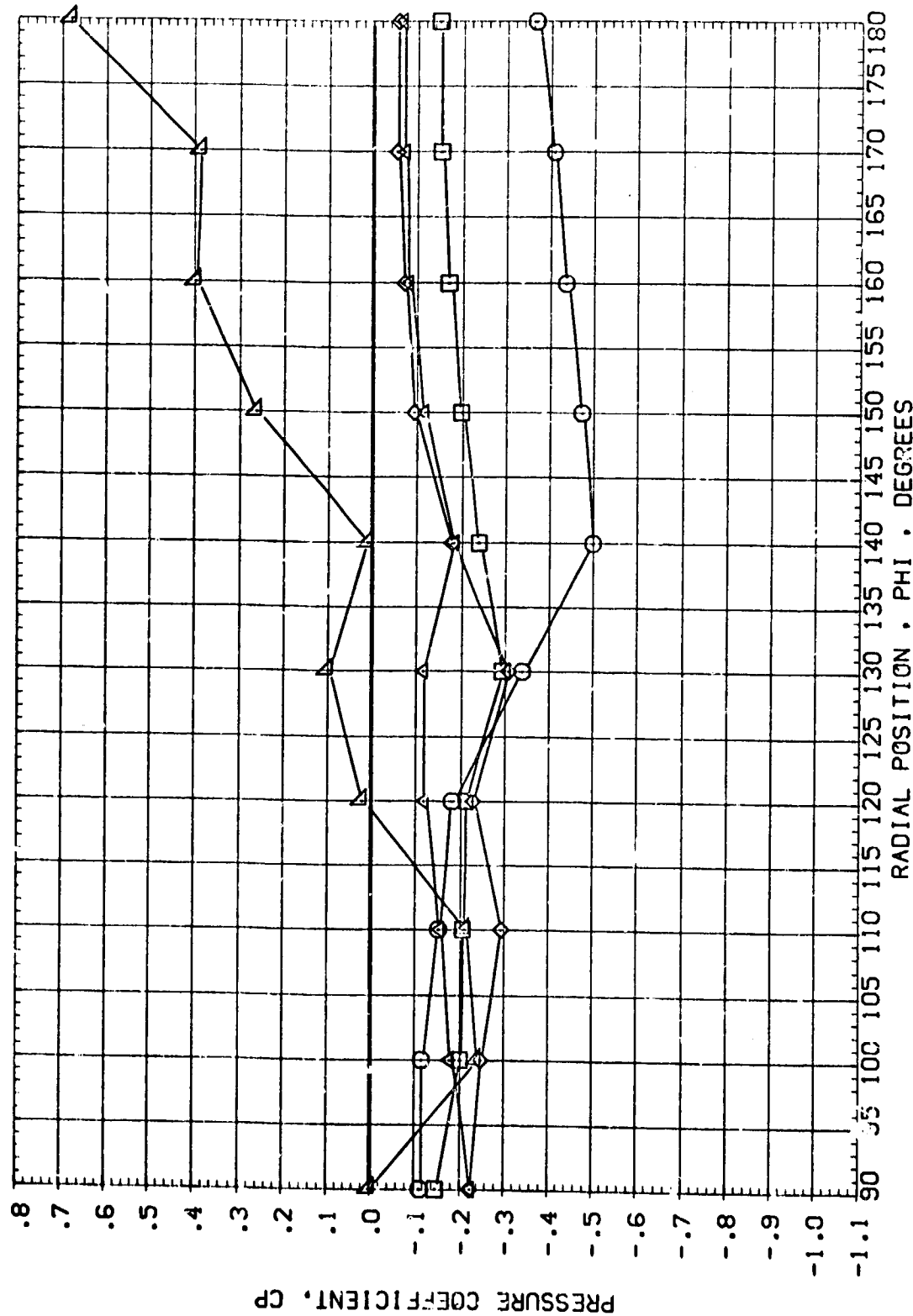


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
▽	.264	14.830	1.401	.000	ELEVTR -15.000
△	.405			.000	RJDOER .000
◇	.546			3.500	
○	.688				
□	.829				

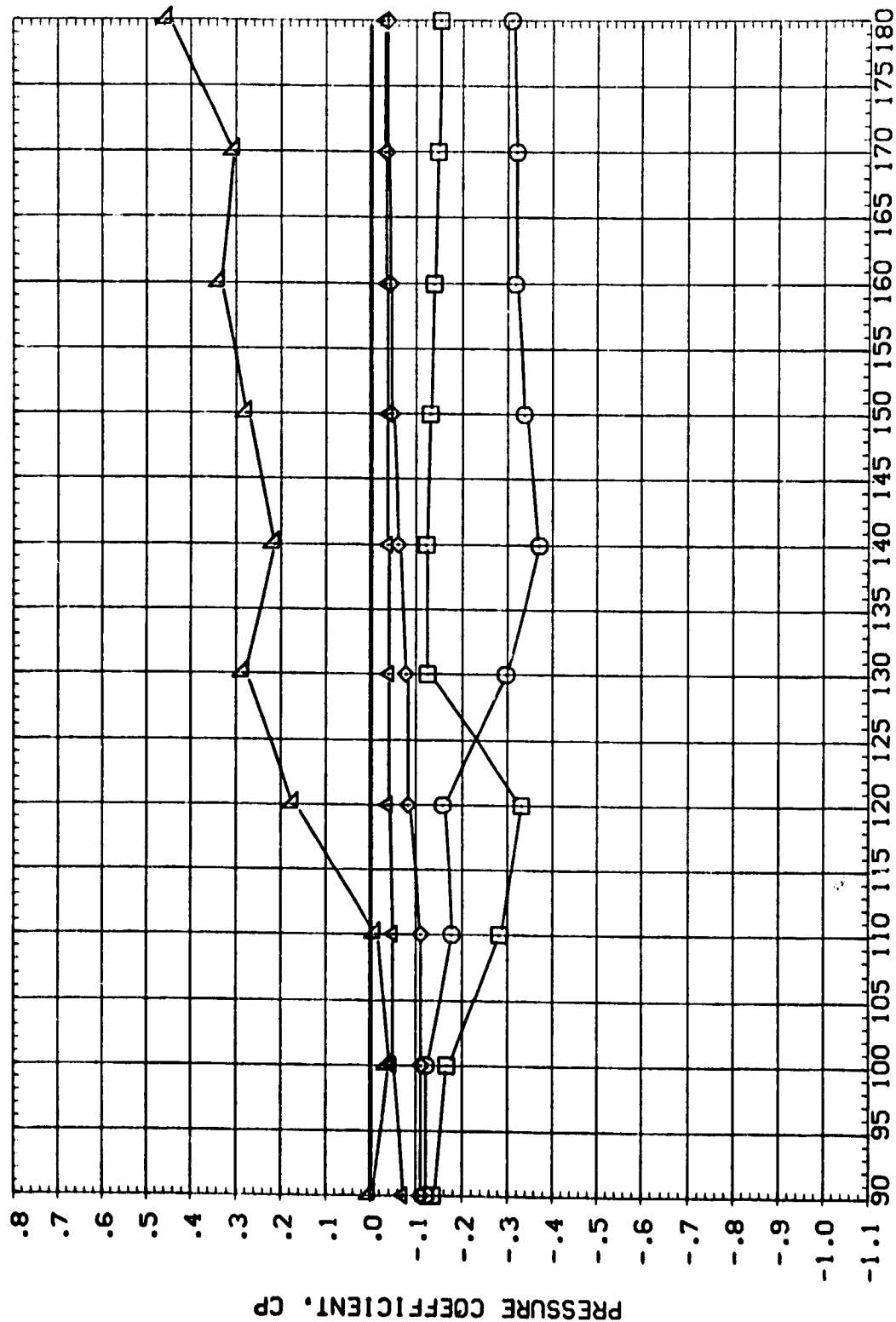


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

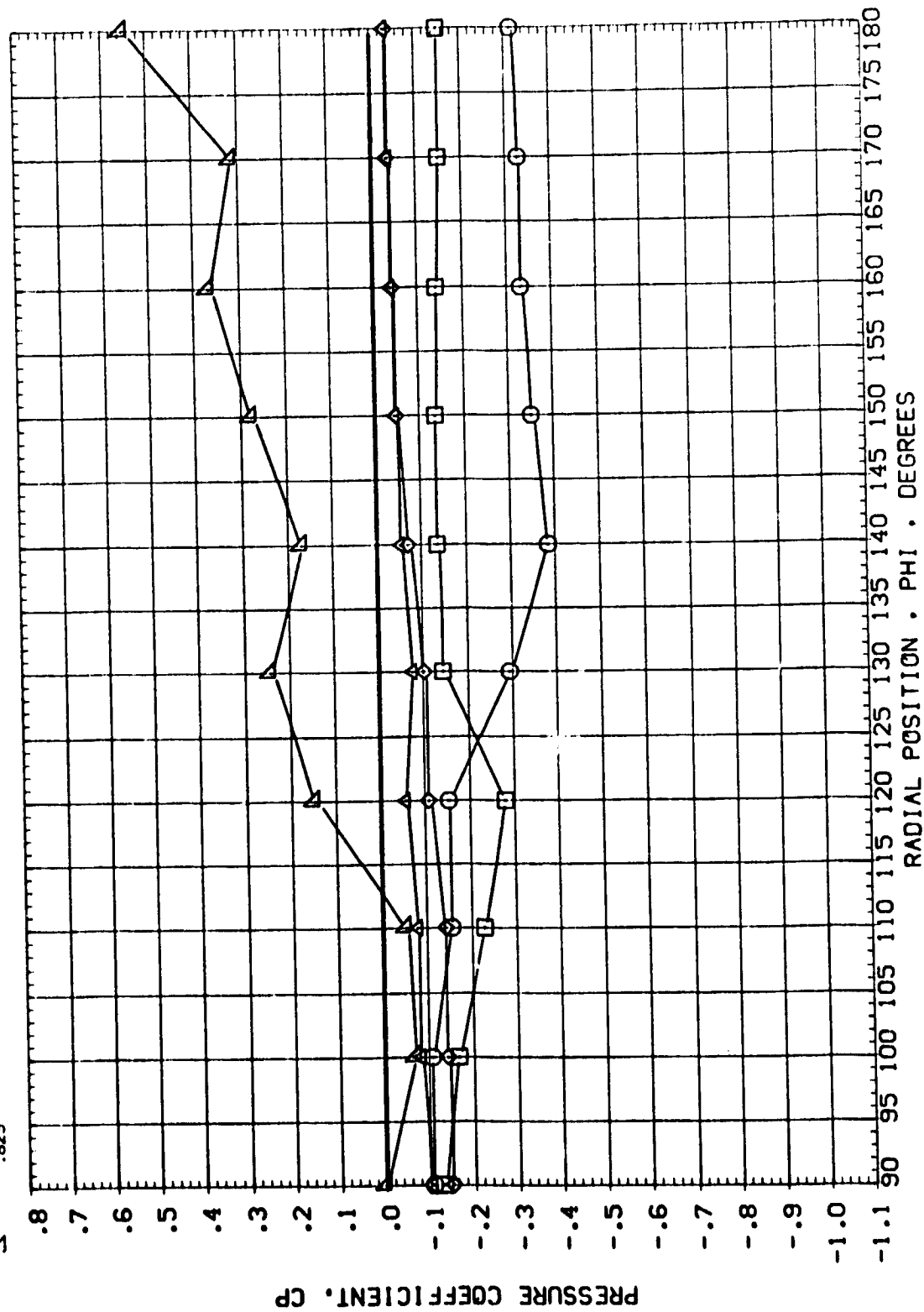
SYMBOL	X/L	ALPHA	MACH	BETA	AILRON	RN/L	PARAMETRIC VALUES
□	.264	6.300	1.501	.000	ELEVTR	-15.000	
◇	.405			.000	RUDER	.000	
△	.546			3.500			
▽	.689						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
△	.264	8.509	1.500	AILRON	.000
◇	.405			RN/L	3.500
○	.546			ELEVTR	-15.000
▽	.688			RLODER	.000
▽	.829				

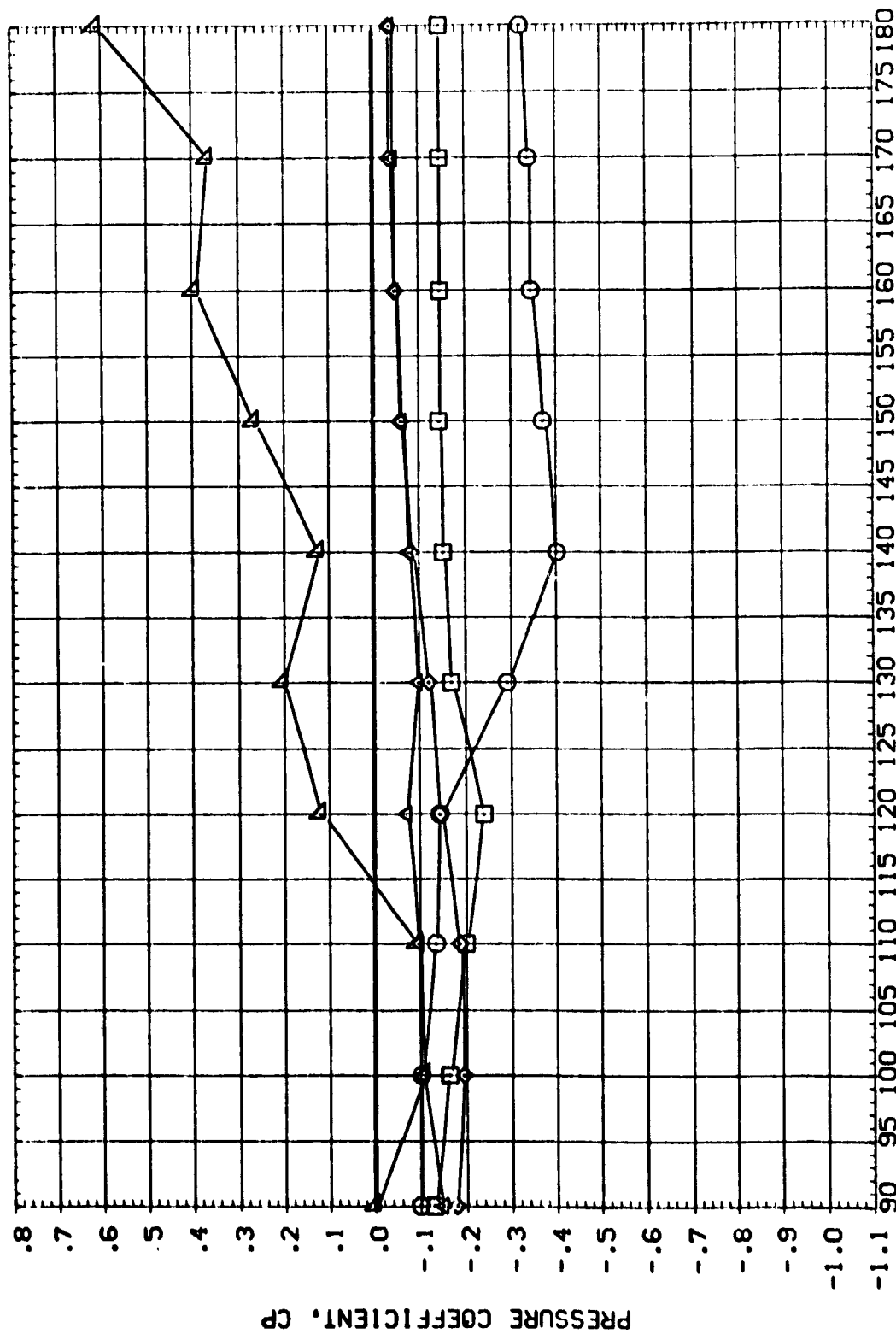


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE



AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

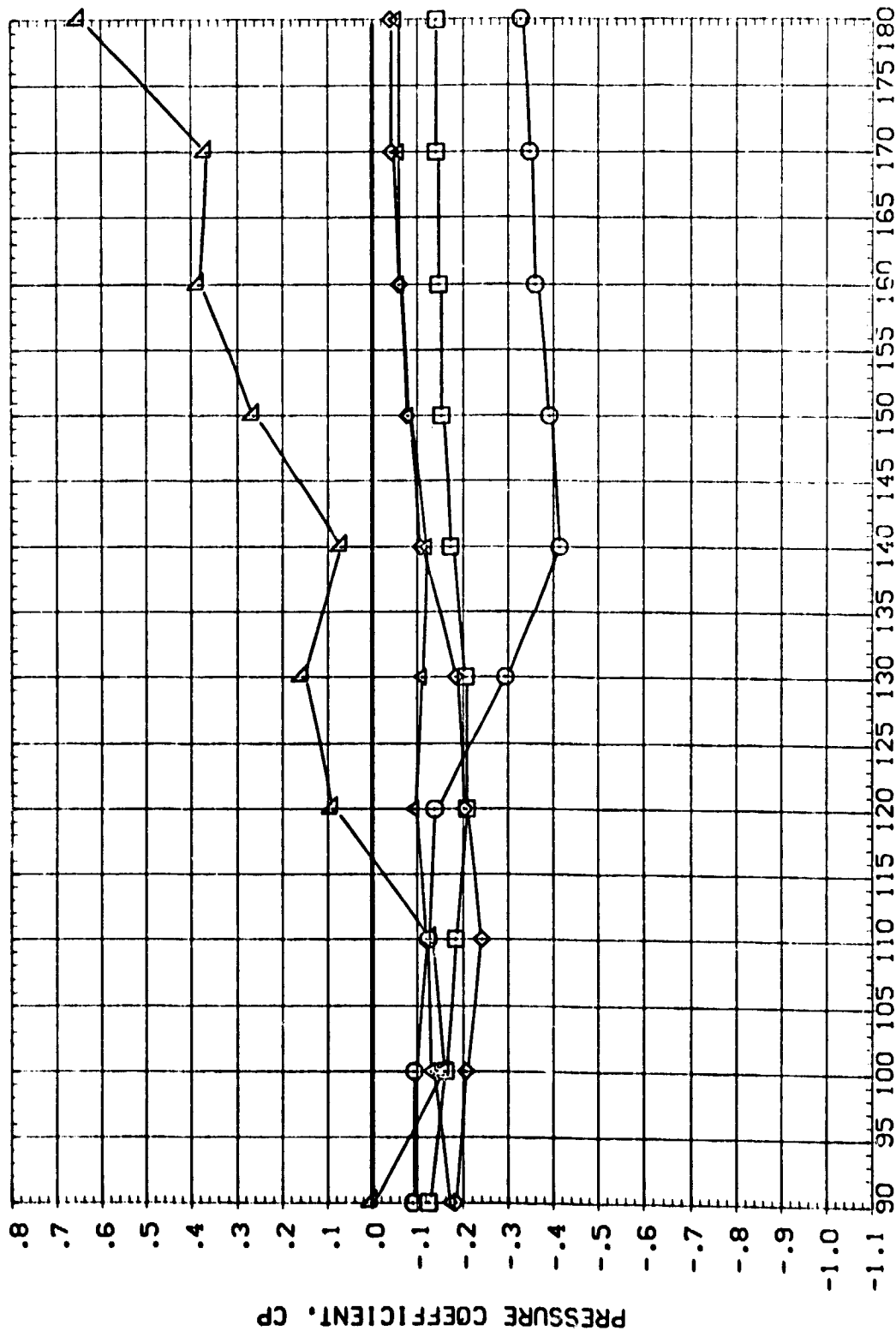
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
○	.264	10.570	1.499	.000	.000	.000	-15.000
△	.405			.000			.000
◇	.546						
□	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

SYMBOL	X/L	ALPHA	MACH	BETA	ELEVTR	PARAMETRIC VALUES
△	.264	12.700	1.499	AILRON	.000	.000
□	.405			RJDER	.000	.000
◇	.546			RN/L	3.500	
▽	.598					
▽	.829					

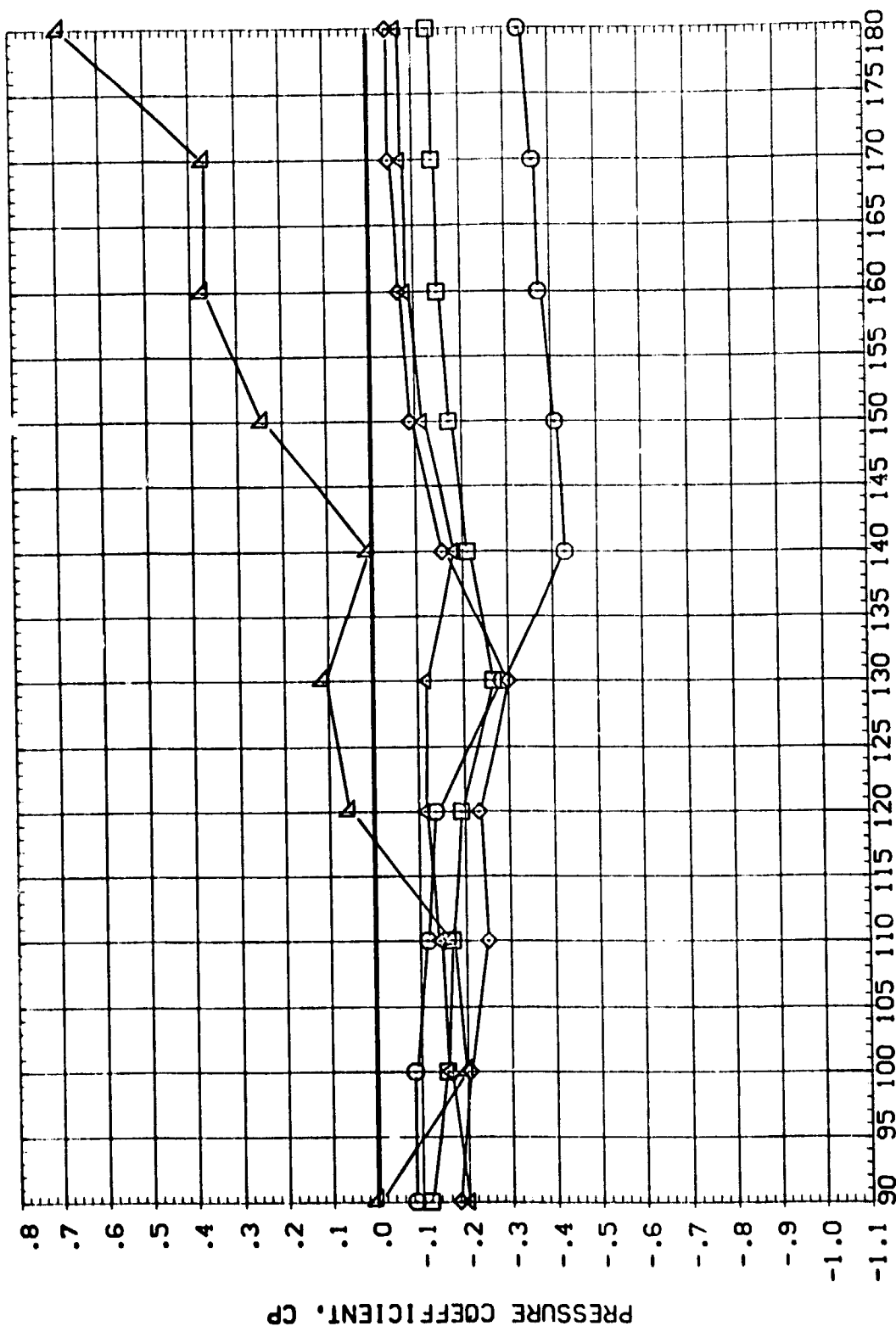


RADIAL POSITION . PHI . DEGREES

RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-530 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

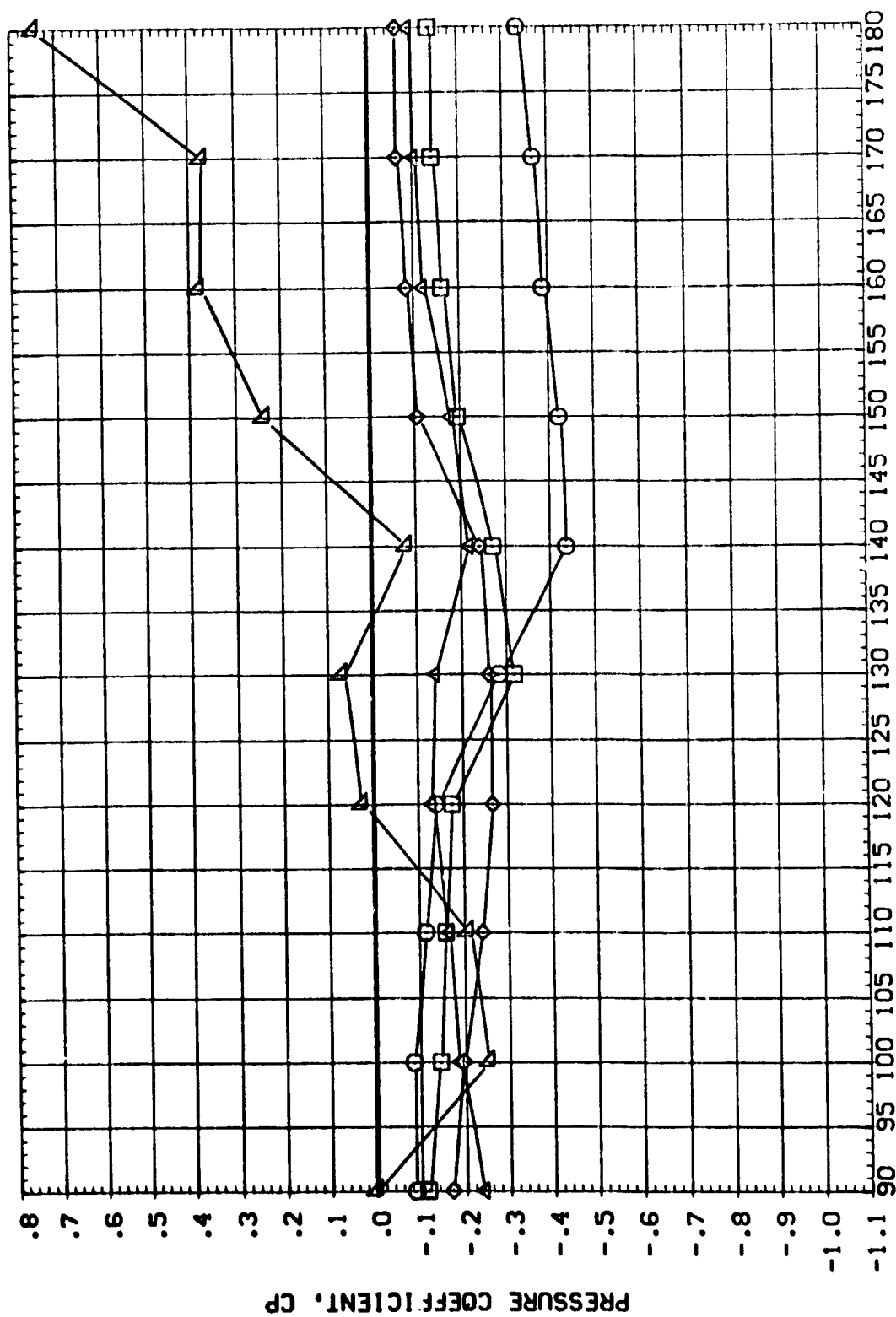
SV-80L	X/L	ALPHA	MACH	PARAMETRIC VALUES		
	.254	14.780	1.500	BETA	ELEVTR	-15.000
	.405			.000	RJDDER	.000
	.546			3.500		
	.688					
	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC002)

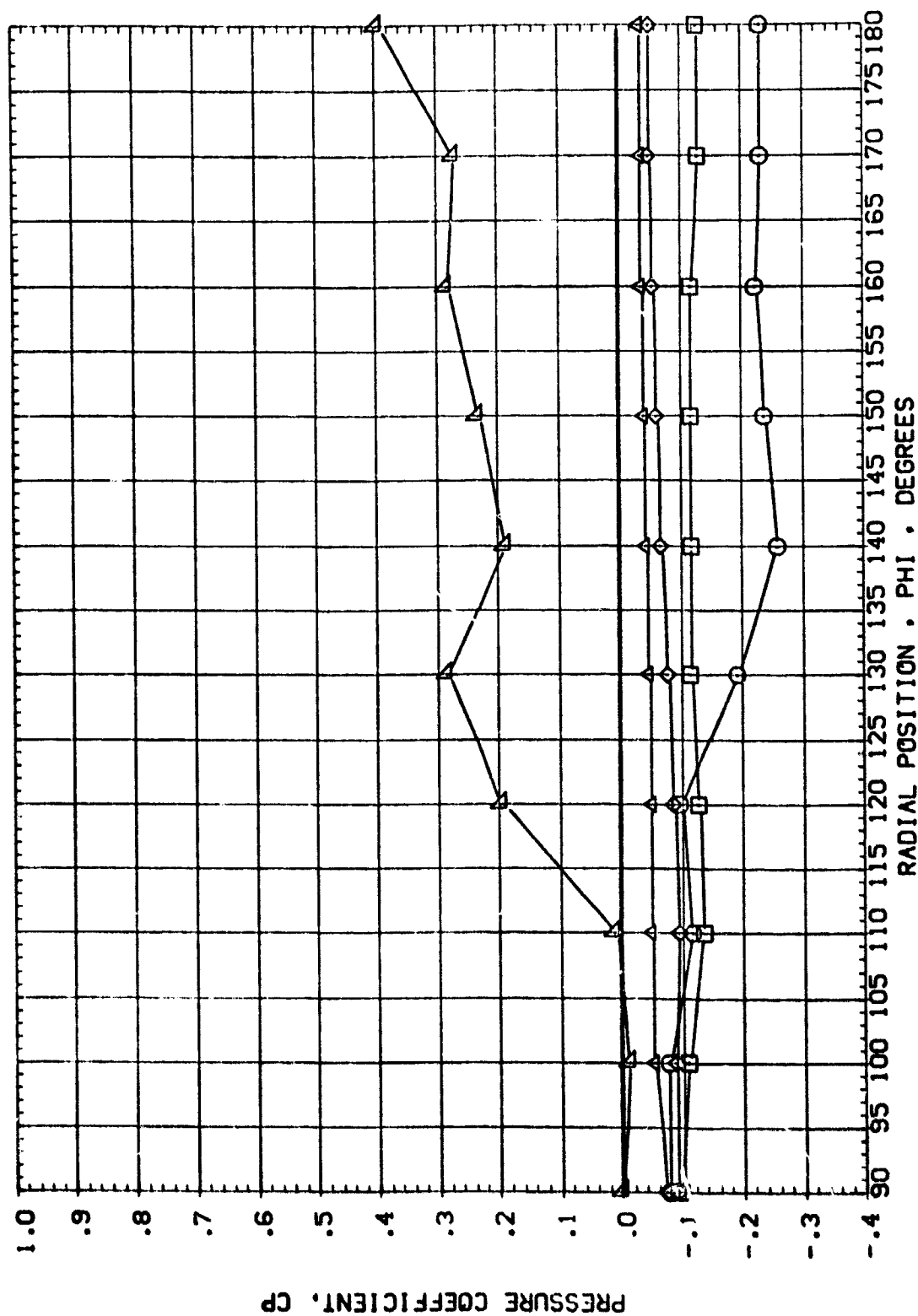
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	16.830	1.500	AILRON	.000
□	.405			RJODER	.000
◇	.546				3.500
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 89 330 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

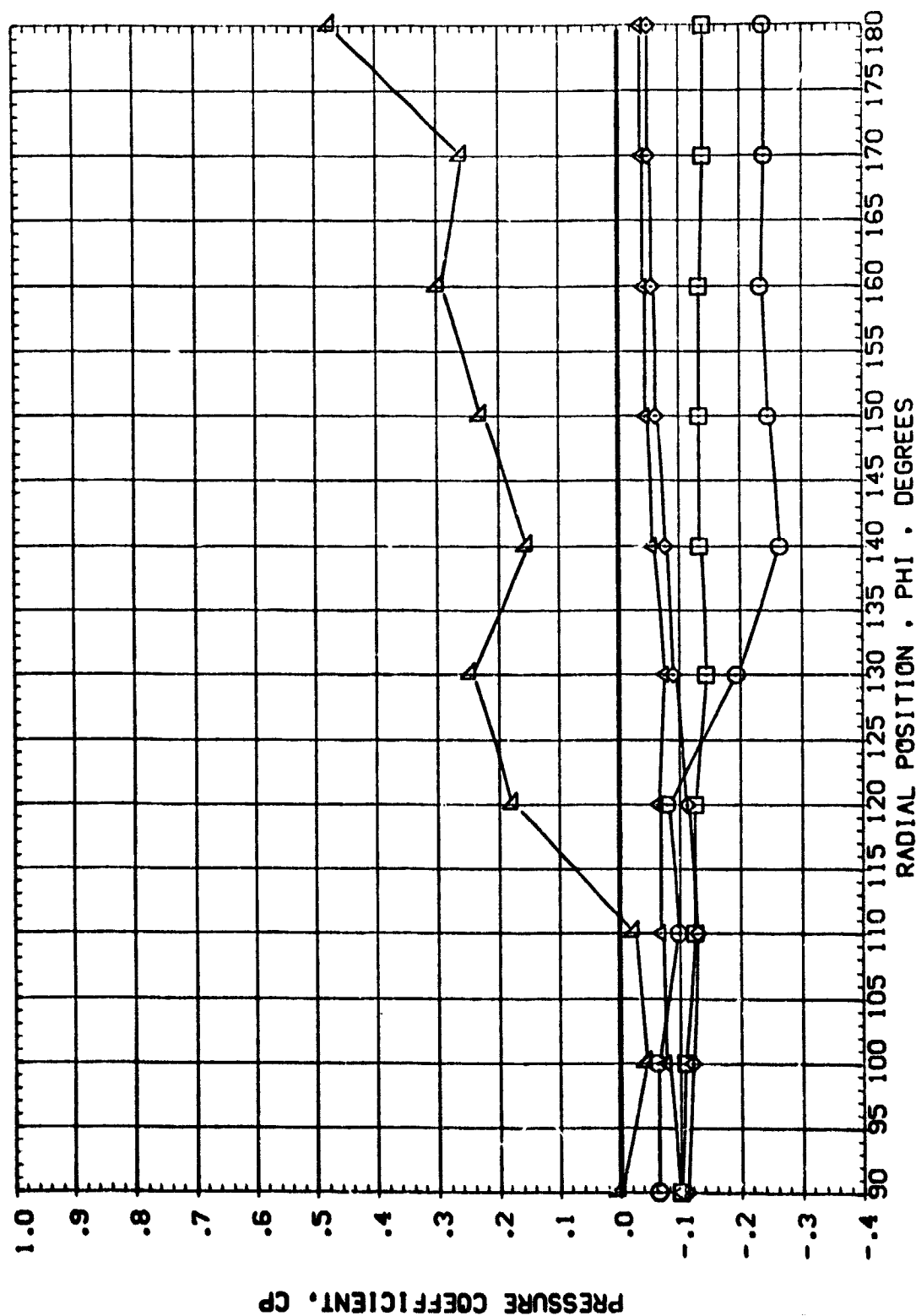
SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	.000	ELEVTR	-15.000
△	.264	6.321	1.753	AILRON	.000	RLODR	.000
◇	.405			RN/L	2.250		
□	.546						
○	.688						
▽	.829						



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECOOI)

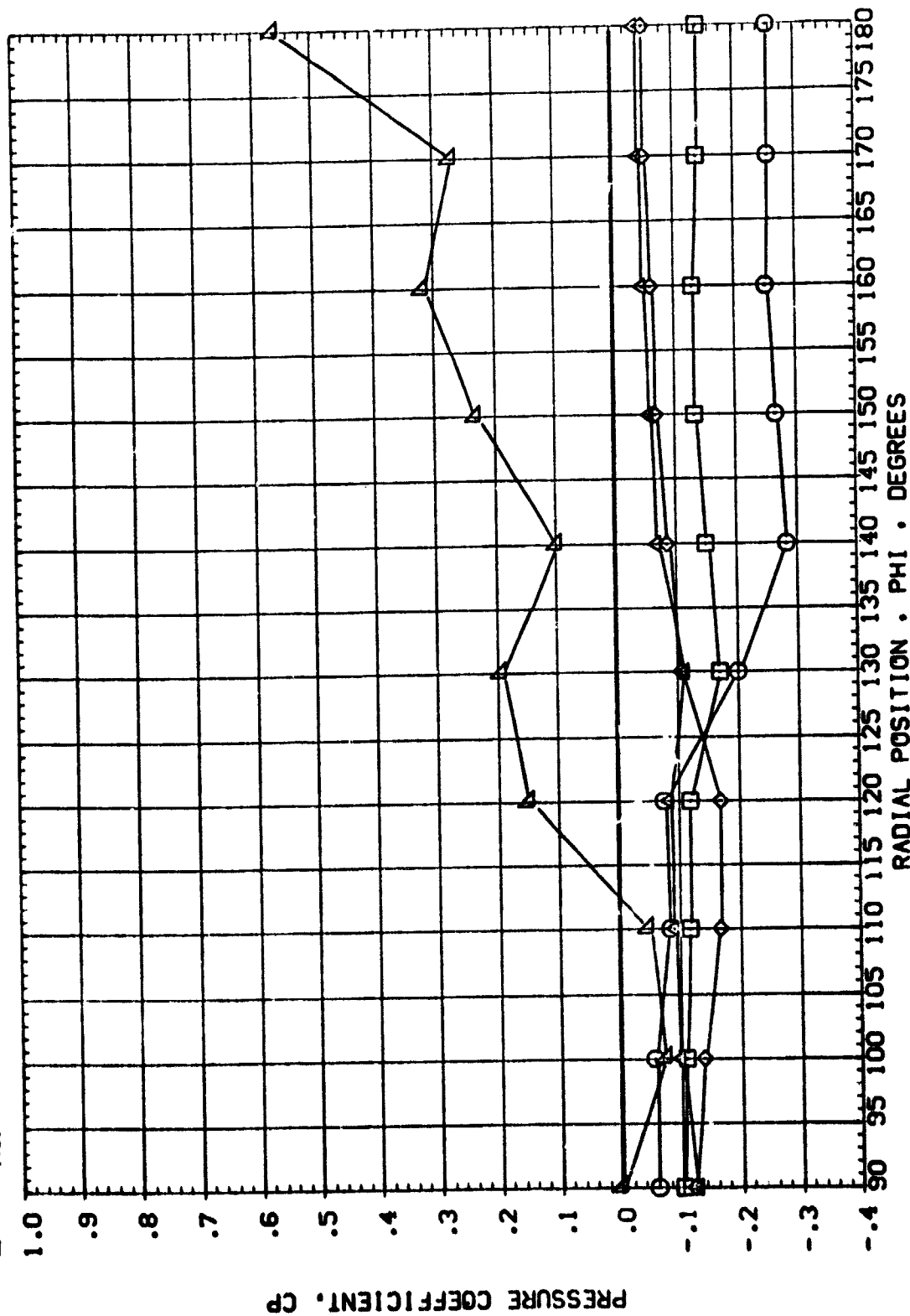
SYMBOL	MA	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	8.405	1.750	AILRON	.000
◇	.405			RVL	2.250
△	.546			ELEVTR	-15.000
▽	.688			RUDER	.000
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-63J PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

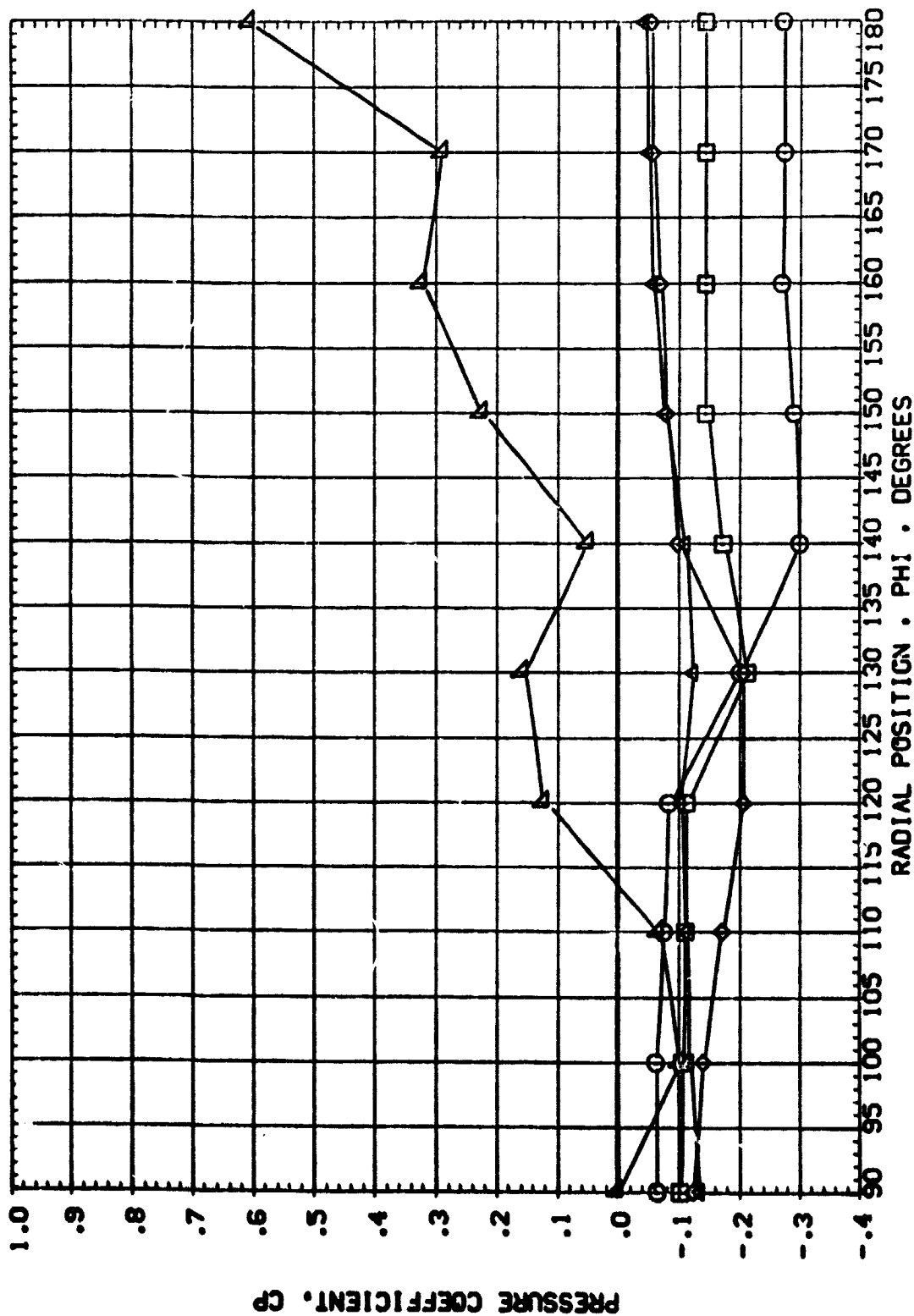
SYMBOL	X/L	ALPHA	MACH	BETA	PARAMETRIC VALUES
○	.264	10.450	1.750	AILRON	.000
□	.405			RUDDER	.000
◇	.546			RNA/L	2.250
△	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECOO1)

SWED.	K/L	ALPHA	MACH	BETA	ELEVTR	-15.000
0	.264	12.350	1.750	.000	.000	.000
1	.405			.000	.000	
2	.546			2.250		
3	.688					
4	.829					



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

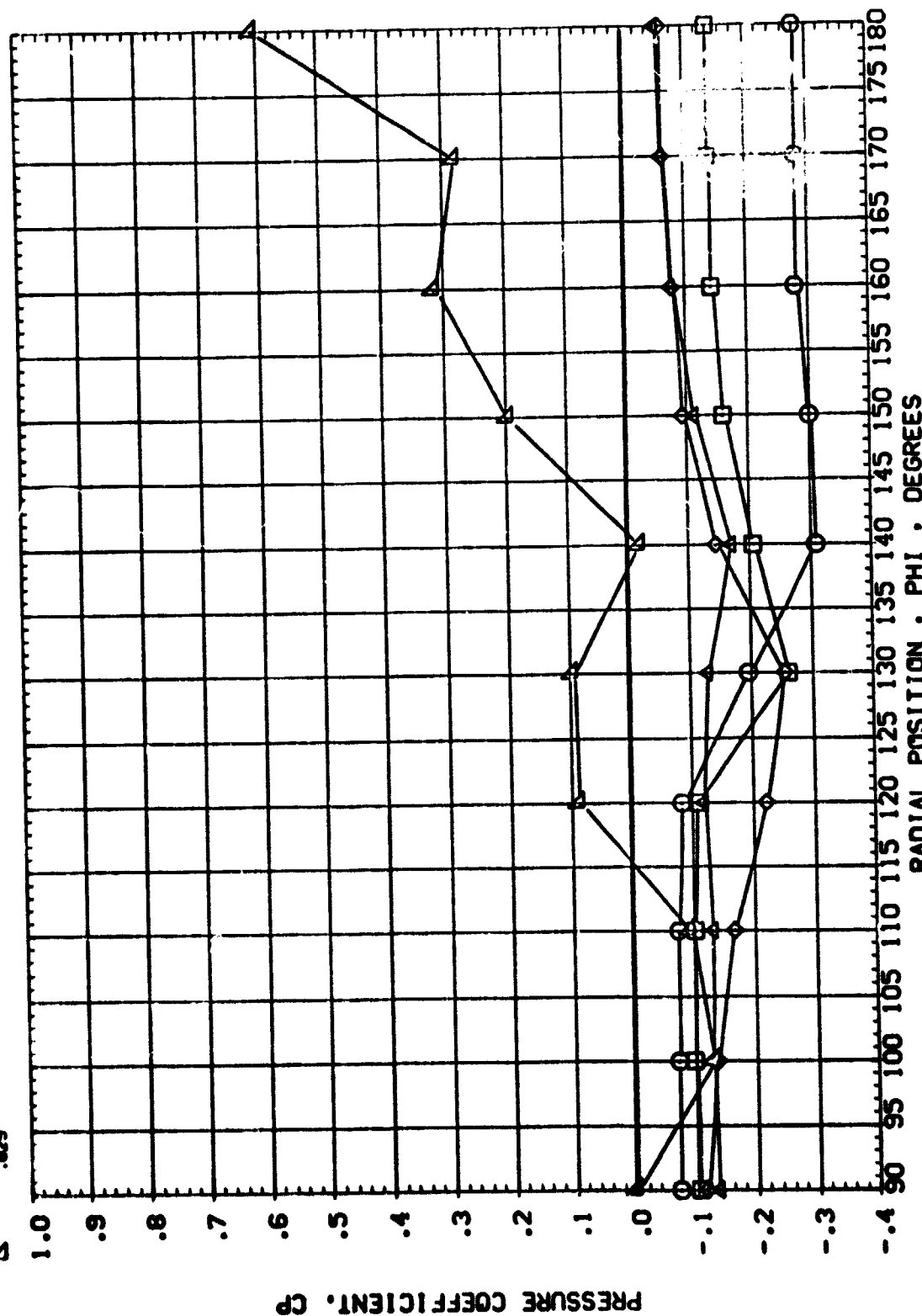
AMES 65-530 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

SYMBOL X/L ALPHA MACH

0.284	14.600	1.750
.405		
.546		
.688		
.829		

PARAMETRIC VALUES

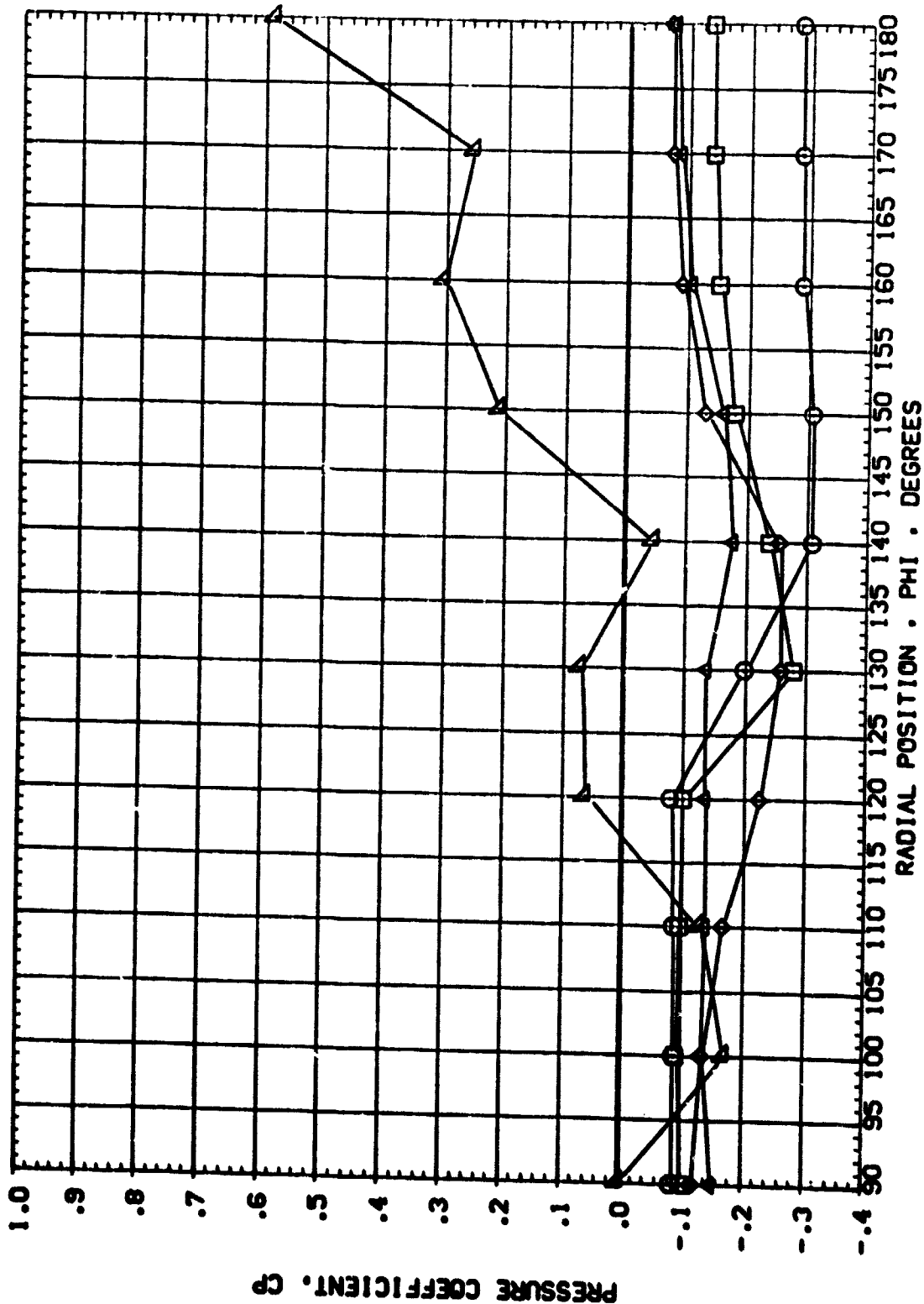
BETA	ELEVTR	RUDDER
.000	.000	.000
2.250		



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

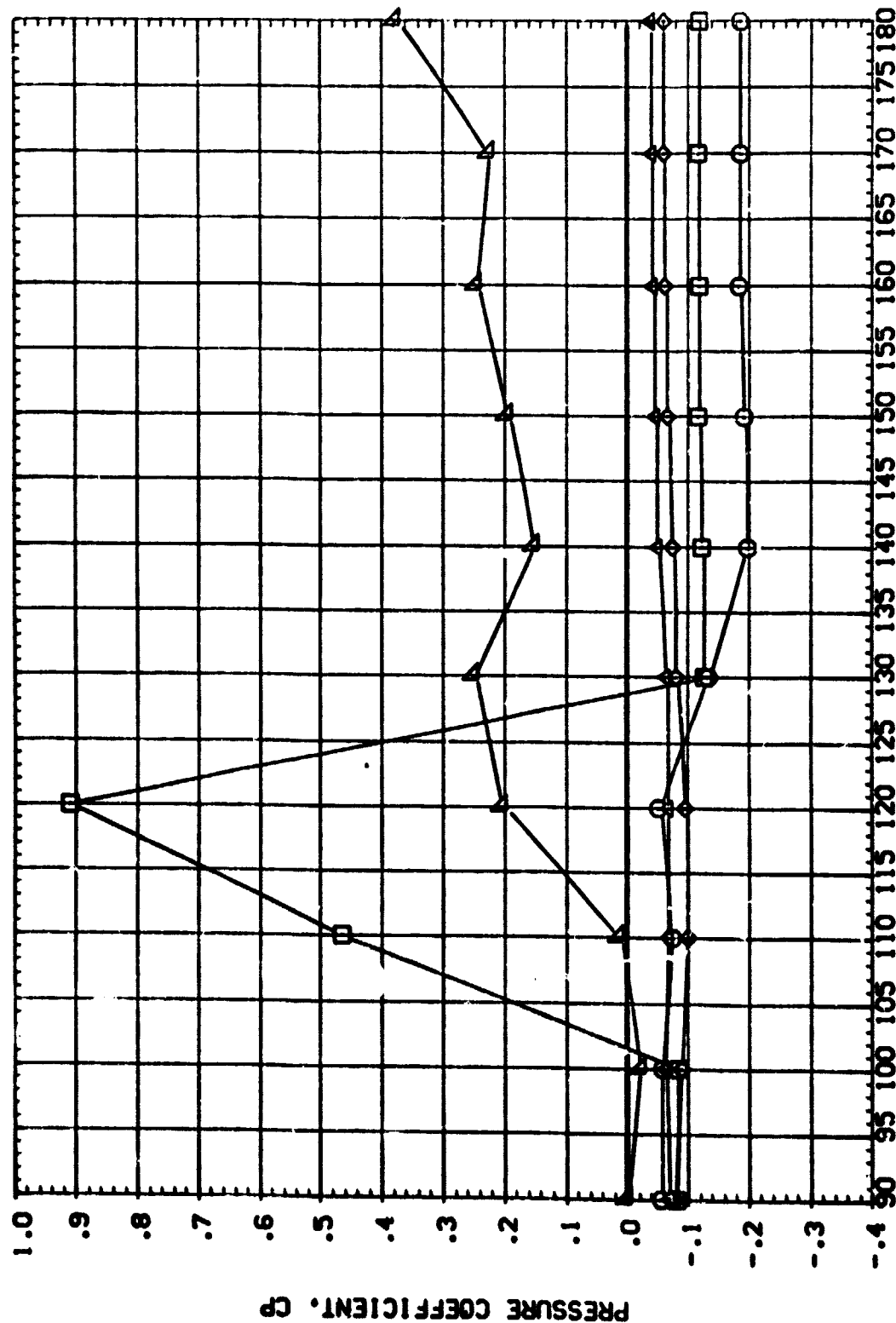
SYMBOL	IN	ALPHA	MACH	BETA	PARAMETRIC VALUES
□	.264	16.600	1.750	.000	ELEVTR
◇	.405			.000	RUDDER
△	.546			2.250	
○	.688				
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL	X/L	ALPHA	MACH	PARAMETRIC VALUES			
				BETA	ELEVTR	RUDDER	
□	.264	6.795	2.020	.000	.000	.000	
△	.405			.000			
◇	.545						
○	.688						
□	.829						

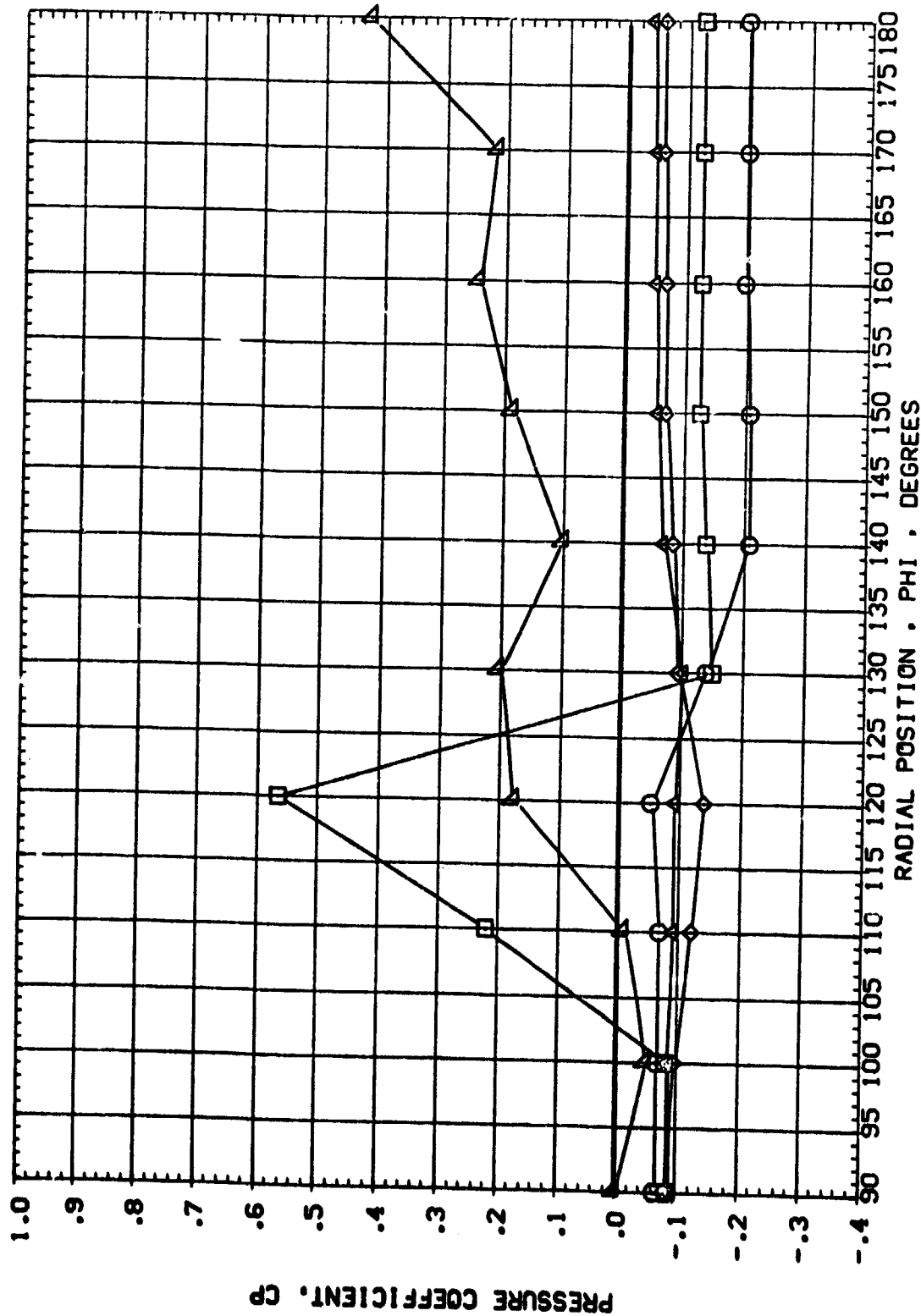


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

SYMBOL X/L ALPHA MACH
 □ .264 8.223 2.019
 ○ .405
 ◇ .546
 △ .688
 ▲ .823

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILTRON .000 RUDDER .000
 RV/L 2.250

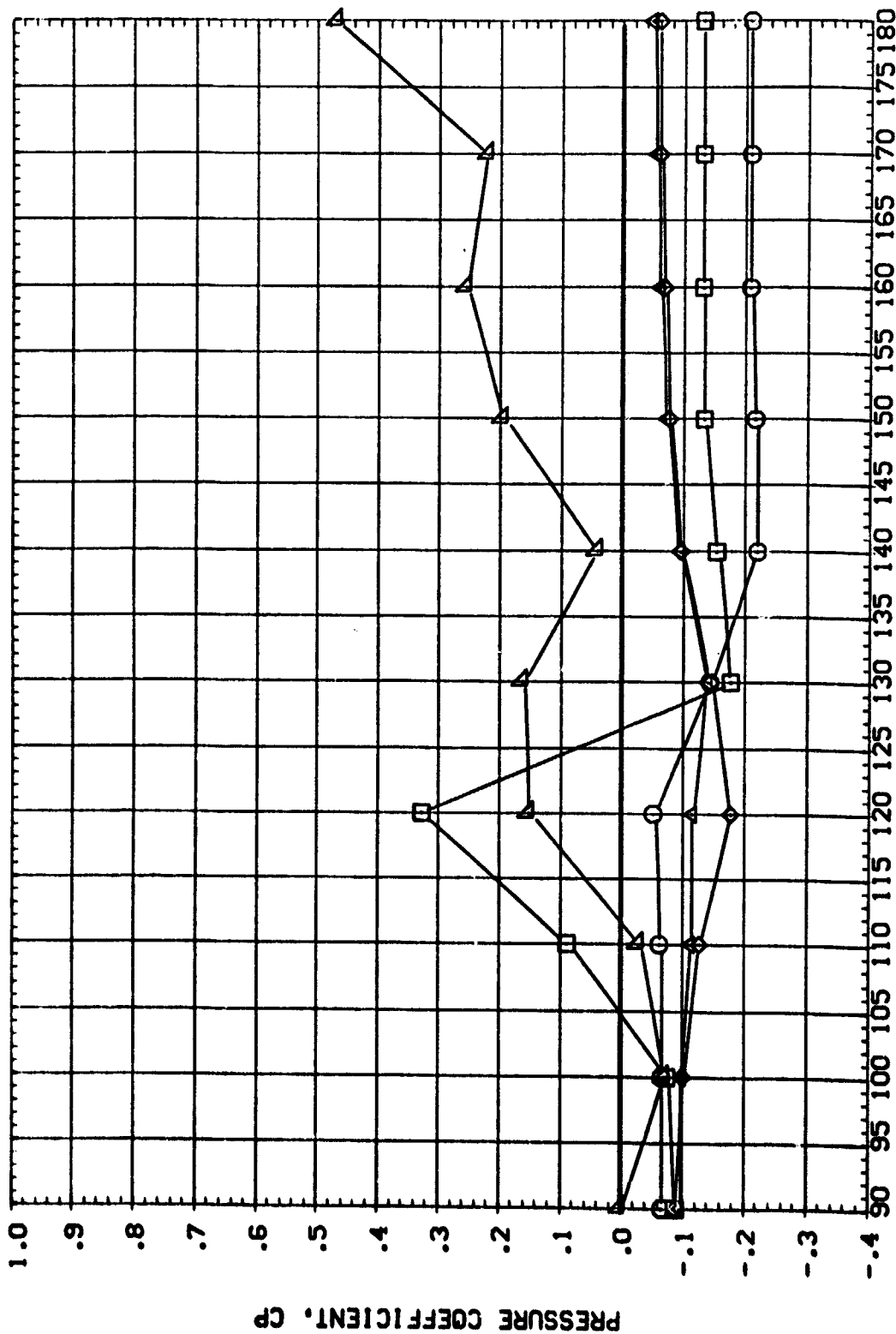


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILRON .000 RUDDER .000
 RN/L 2.250

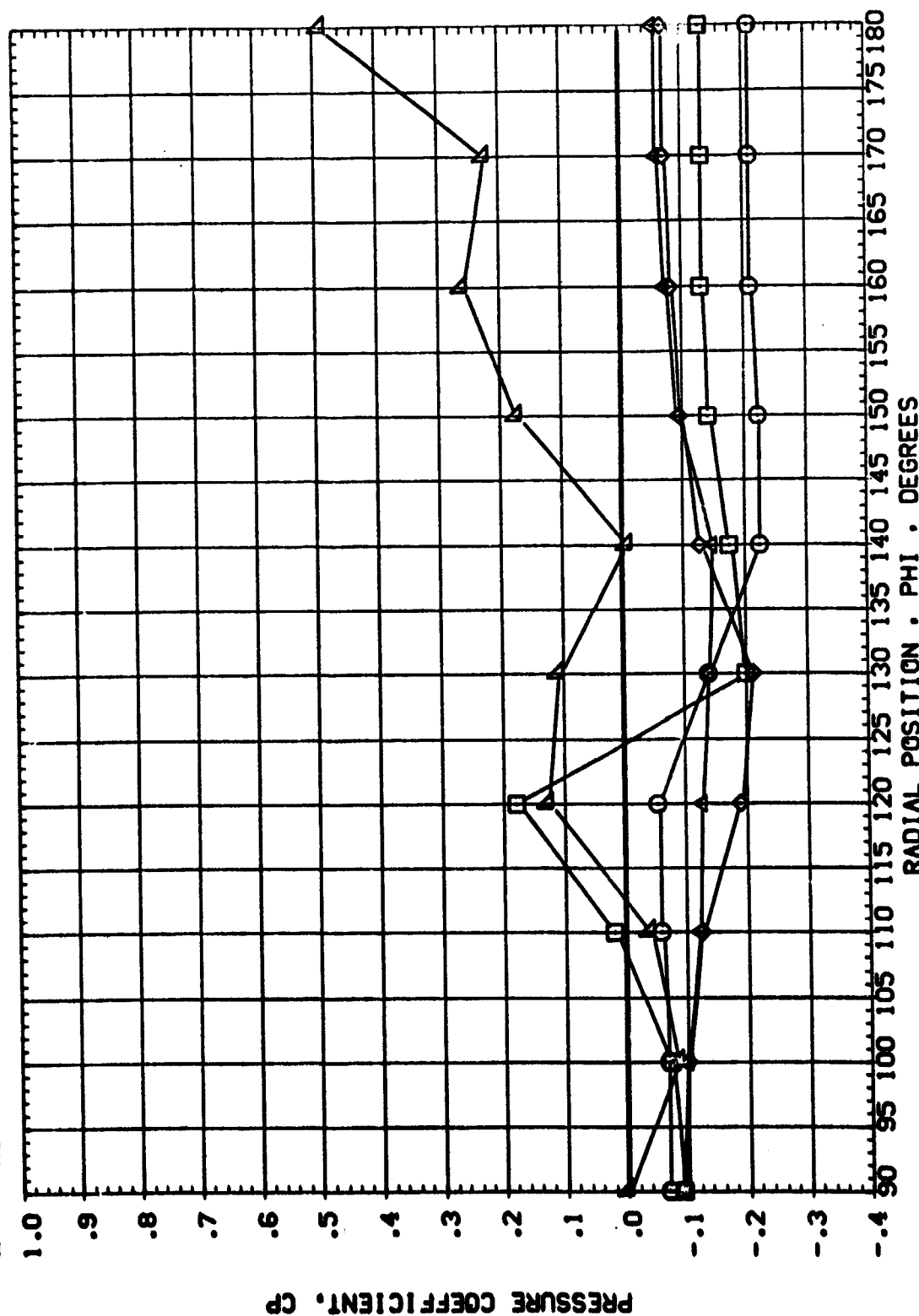
SYMBOL X/L ALPHA MACH
 .264 10.950 2.018
 .405
 .546
 .688
 .829



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (REC001)

SYMBOL	α/L	$\alpha/P4$	MACH	BETA	PARAMETRIC VALUES
□	.264	13.010	2.020	ATL/ON	.000 ELEVTR
◇	.405			RM/L	.000 RUDDER
◇	.546				2.250
◇	.688				
△	.829				

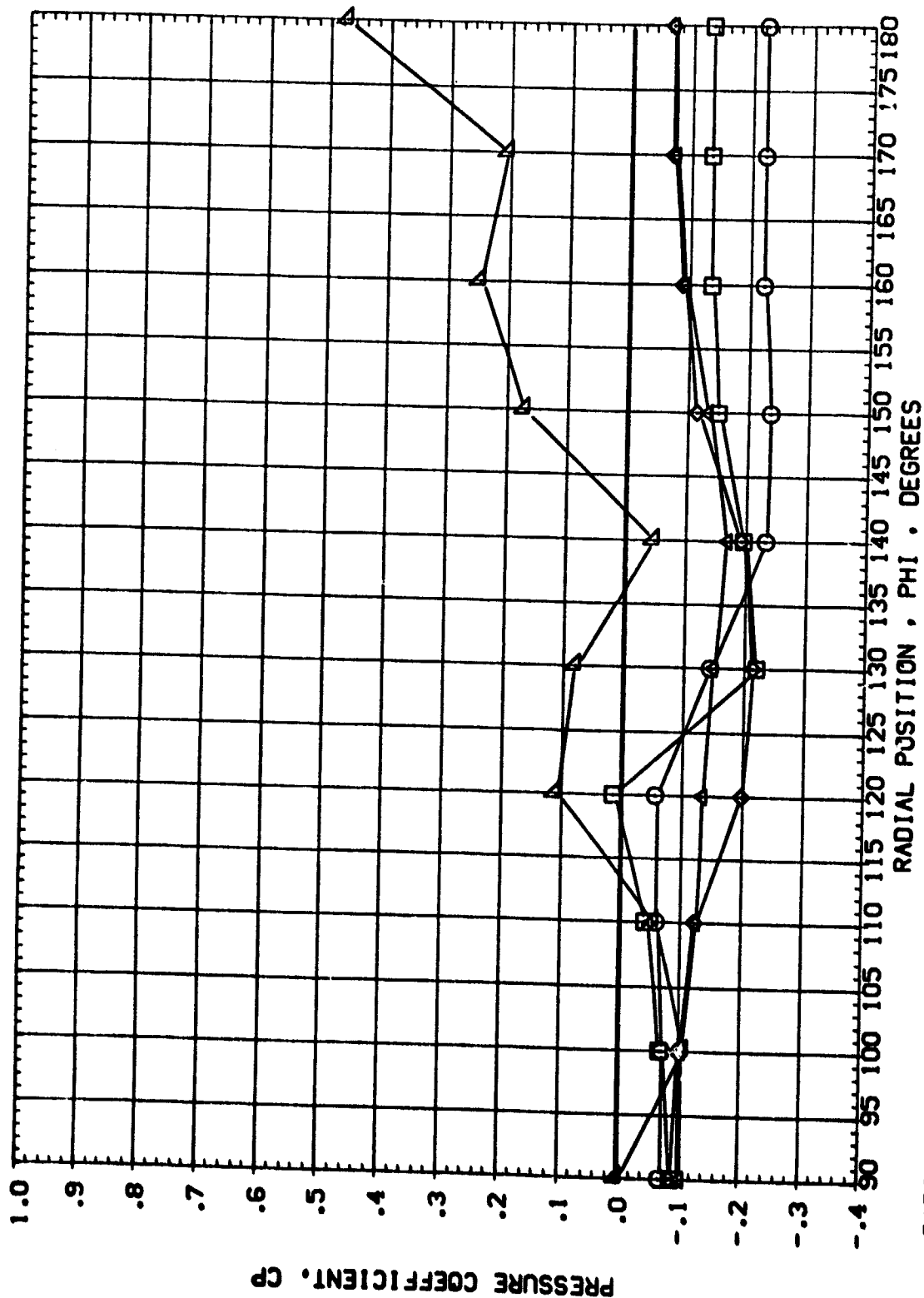


RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL X/L ALPHA MACH
 □ .264 15.020 2.019
 ○ .405
 △ .546
 ▽ .688
 ▴ .829

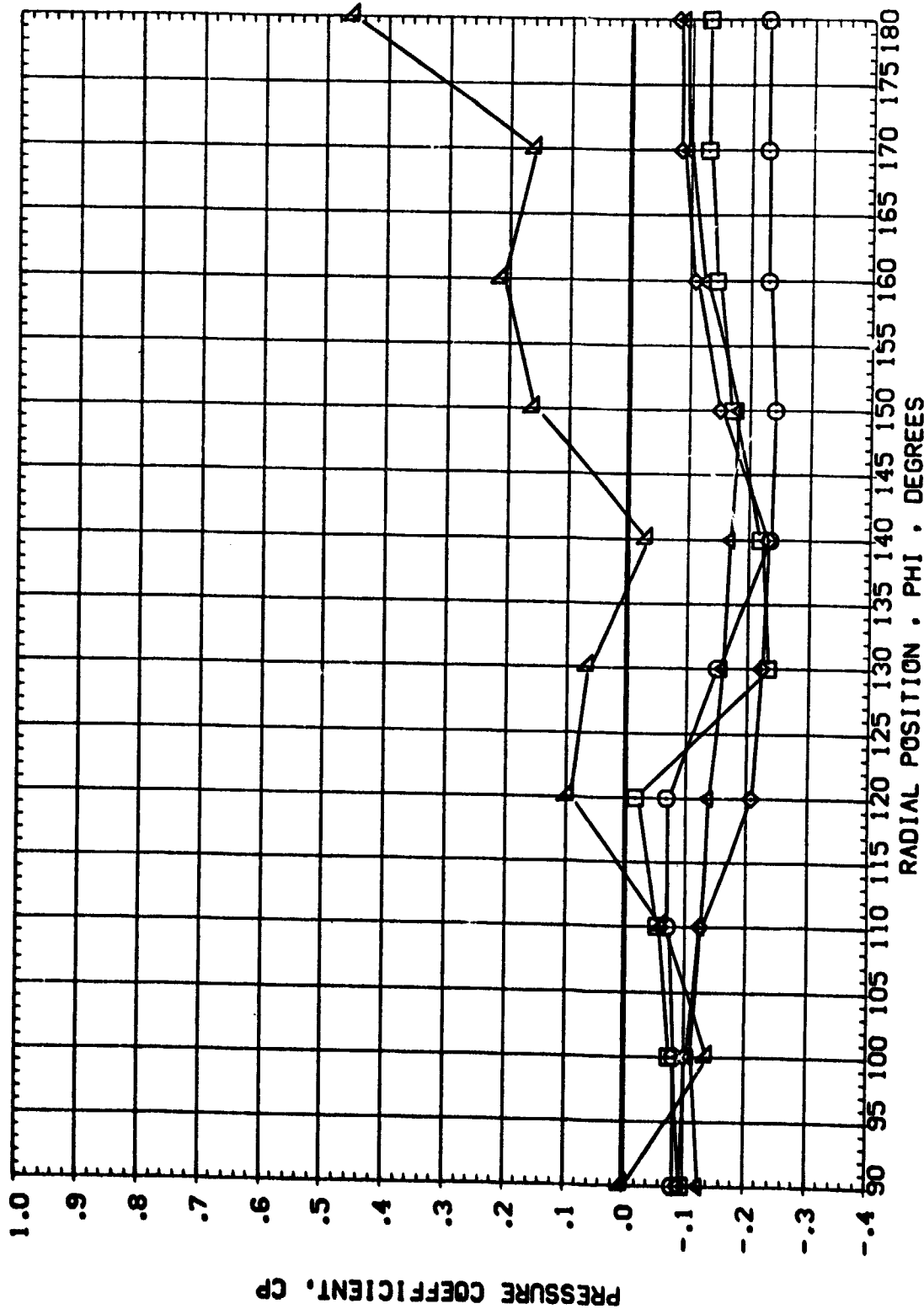
PARAMETRIC VALUES
 BETA .000 ELEVTR -15.000
 AILTRON .000 RUDDER .000
 RV/L 2.250



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE

AMES 66-630 PRESSURE VENTING - SHUTTLE ORBITER (RECO01)

SYMBOL	EA	ALPHA	INCH	BETA	PARAMETRIC VALUES
□	.264	17.010	2.017	AILRON	.000
◇	.405			RVL	2.250
△	.546			ELEVTR	-15.000
▽	.688			RUDDER	.000
▽	.829				



RADIAL DISTRIBUTION OF LOCAL PRESSURE FIELD FOR ORBITER ALONE